

## DAFTAR ISI

|                                                            | Halaman |
|------------------------------------------------------------|---------|
| LEMBAR PENGESAHAN.....                                     | ii      |
| PERNYATAAN.....                                            | iv      |
| MOTTO.....                                                 | v       |
| ABSTRAK .....                                              | vi      |
| ABSTRACK.....                                              | vii     |
| KATA PENGANTAR.....                                        | viii    |
| UCAPAN TERIMA KASIH.....                                   | ix      |
| DAFTAR ISI .....                                           | xi      |
| DAFTAR TABEL .....                                         | xiii    |
| DAFTAR GAMBAR .....                                        | xiv     |
| DAFTAR LAMPIRAN .....                                      | xv      |
| BAB 1 PENDAHULUAN .....                                    | 1       |
| 1.1 Latar Belakang Masalah .....                           | 1       |
| 1.2 Rumusan Masalah.....                                   | 5       |
| 1.3 Definisi Operasional .....                             | 5       |
| 1.4 Tujuan Penelitian .....                                | 6       |
| 1.5 Manfaat Penelitian .....                               | 6       |
| 1.5.1 Secara Teoritis .....                                | 6       |
| 1.5.2 Secara Praktis.....                                  | 6       |
| BAB 2 TINJAUAN TEORETIS.....                               | 7       |
| 2.1 Kajian Pustaka .....                                   | 7       |
| 2.1.1 Konsep Latihan.....                                  | 7       |
| 2.1.2 Prinsip Latihan.....                                 | 8       |
| 2.1.3 Konsep Permainan Sepak Bola.....                     | 13      |
| 2.1.4 Teknik Dasar Permainan Sepak Bola .....              | 13      |
| 2.1.5 Komponen Kondisi Fisik .....                         | 16      |
| 2.1.6 VO2Max .....                                         | 18      |
| 2.1.7 <i>High Intensity Interval Training (HIIT)</i> ..... | 20      |

|                                                                                                     |    |
|-----------------------------------------------------------------------------------------------------|----|
| 2.1.8 Implementasi <i>High Intensity Interval Training</i> (HITT) Terhadap Peningkatan VO2Max ..... | 26 |
| 2.2 Hasil Penelitian yang Relevan .....                                                             | 28 |
| 2.3 Kerangka Konseptual.....                                                                        | 30 |
| 2.4 Hipotesis .....                                                                                 | 31 |
| BAB 3 PROSEDUR PENELITIAN .....                                                                     | 32 |
| 3.1 Metode Penelitian .....                                                                         | 32 |
| 3.2 Variabel Penelitian.....                                                                        | 32 |
| 3.3 Populasi dan Sampel.....                                                                        | 33 |
| 3.3.1 Populasi.....                                                                                 | 33 |
| 3.3.2 Sampel .....                                                                                  | 33 |
| 3.4 Desain Penelitian .....                                                                         | 34 |
| 3.5 Teknik Pengumpulan Data .....                                                                   | 35 |
| 3.6 Instrumen Penelitian .....                                                                      | 35 |
| 3.7 Teknik Analisis Data .....                                                                      | 37 |
| 3.8 Langkah-langkah Penelitian .....                                                                | 38 |
| 3.9 Waktu dan Tempat Penelitian.....                                                                | 39 |
| BAB 4 HASIL PENELITIAN DAN PEMBAHASAN .....                                                         | 41 |
| 4.1 Hasil Penelitian.....                                                                           | 41 |
| 4.1.1 Deskripsi Hasil Penelitian.....                                                               | 41 |
| 4.1.2 Pengujian Persyaratan Analisis.....                                                           | 42 |
| 4.1.3 Hasil Pengujian Normalitas Data.....                                                          | 43 |
| 4.1.4 Hasil Pengujian Homogenitas Data .....                                                        | 43 |
| 4.1.5 Hasil Pengujian Hipotesis.....                                                                | 44 |
| 4.2 Pembahasan Hasil Penelitian .....                                                               | 44 |
| BAB 5 SIMPULAN DAN SARAN.....                                                                       | 48 |
| 5.1 Simpulan.....                                                                                   | 48 |
| 5.2 Saran .....                                                                                     | 48 |
| DAFTAR PUSTAKA .....                                                                                | 49 |
| LAMPIRAN .....                                                                                      | 54 |
| RIWAYAT HIDUP PENULIS .....                                                                         | 94 |

## DAFTAR TABEL

|                                                                                                        | Halaman |
|--------------------------------------------------------------------------------------------------------|---------|
| Tabel 4. 1 Data Hasil Penelitian.....                                                                  | 41      |
| Tabel 4. 2 Hasil Perhitungan Rata-Rata, Simpangan Baku dan Varians dari Tes<br>Awal dan Tes Akhir..... | 42      |
| Tabel 4. 3 Hasil Pengujian Normalitas Data .....                                                       | 43      |
| Tabel 4. 4 Hasil Pengujian Homogenitas Data .....                                                      | 43      |
| Tabel 4. 5 Hasil Pengujian Hipotesis .....                                                             | 44      |

## DAFTAR GAMBAR

|                                                                         | Halaman |
|-------------------------------------------------------------------------|---------|
| Gambar 2. 1 Sistem Tangga .....                                         | 9       |
| Gambar 2. 2 Gerakan <i>Jumping Jacks Total body</i> .....               | 23      |
| Gambar 2. 3 Gerakan <i>Wall Sit Lower body</i> .....                    | 23      |
| Gambar 2. 4 Gerakan <i>Push-up Upper body</i> .....                     | 24      |
| Gambar 2. 5 Gerakan <i>Abdominal crunch Core</i> .....                  | 24      |
| Gambar 2. 6 Gerakan <i>Squat Lower body</i> .....                       | 24      |
| Gambar 2. 7 Gerakan <i>Plank Core</i> .....                             | 25      |
| Gambar 2. 8 Gerakan <i>High knees/running in place Total body</i> ..... | 25      |
| Gambar 2. 9 Gerakan <i>Lunge Lower body</i> .....                       | 25      |
| Gambar 2. 10 Gerakan <i>Push-up and rotation Upper body</i> .....       | 26      |
| Gambar 2. 11 Gerakan <i>Side plank Core</i> .....                       | 26      |
| Gambar 3. 1 <i>Pre Eksperimental Design</i> .....                       | 34      |
| Gambar 3. 2 Ilustrasi pelaksanaan multistage/bleep test .....           | 36      |
| Gambar 3. 3 Letak Geografis SMAN 2 Ciamis .....                         | 40      |

## DAFTAR LAMPIRAN

|                                                                                                      | Halaman |
|------------------------------------------------------------------------------------------------------|---------|
| Lampiran 1 Program Latihan .....                                                                     | 55      |
| Lampiran 2 Data Penelitian Tes Awal & Tes Akhir .....                                                | 82      |
| Lampiran 3 Perhitungan Skor Rata-rata, Standar Deviasi, Varians, dan Uji Liliefors<br>Tes awal.....  | 84      |
| Lampiran 4 Perhitungan Skor Rata-rata, Standar Deviasi, Varians, dan Uji Liliefors<br>Tes Akhir..... | 85      |
| Lampiran 5 Uji Homogenitas & Uji Hipotesis.....                                                      | 86      |
| Lampiran 6 Tabel Distribusi Normal .....                                                             | 88      |
| Lampiran 7 Tabel Nilai Distribusi Uji Liliefors.....                                                 | 89      |
| Lampiran 8 Tabel Distribusi F .....                                                                  | 90      |
| Lampiran 9 Tabel Distribusi t .....                                                                  | 91      |
| Lampiran 10 Lembar Kertas <i>Bleep Test</i> .....                                                    | 92      |
| Lampiran 11 Surat Keputusan (SK) Pembimbing.....                                                     | 93      |
| Lampiran 12 Surat Izin Observasi/Penelitian.....                                                     | 94      |
| Lampiran 13 Surat Balasan Izin Observasi/Penelitian .....                                            | 95      |
| Lampiran 14 Surat Pernyataan Validitas.....                                                          | 96      |
| Lampiran 15 Dokumentasi Penelitian .....                                                             | 97      |