

**221005009**

**B, Bukanga**

## **Variable Types**

### **Primitive Variables:**

- **Age: Integer (int)**
- **HRF: Integer (int)**
- **Level: Integer (int)**
- **Duration: Integer (int)**
- **Health Score: Integer (int)**

### **Arrays:**

- **Levels Array: Integer array (int\*)**
- **Durations Array: Integer array (int\*)**
- **Scores Array: Integer array (int\*)**

### **Function Parameters:**

- **input(int\* array, int length):**
  - **array: Integer array pointer (int\*)**
  - **length: Integer (int)**
- **display(int\* array, int length):**
  - **array: Integer array pointer (int\*)**
  - **length: Integer (int)**
- **healthScore(int age, int level, int duration, int hrf):**
  - **age: Integer (int)**
  - **level: Integer (int)**
  - **duration: Integer (int)**
  - **hrf: Integer (int)**
- **finalScore(int age, int\* levels, int\* durations, int hrf, int\* scores):**
  - **age: Integer (int)**
  - **levels: Integer array pointer (int\*)**
  - **durations: Integer array pointer (int\*)**
  - **hrf: Integer (int)**

- **scores: Integer array pointer (int\*)**

