SCALA MINI
PROJECT

Paradigm in Programming Language

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Roll No. – 96 {Pimpri}





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Project Participant Detail

Project Name – Scala Mini Project

Name of participant – Amol Anirudha Rathod

Class – MSc (Computer Science)

Roll No. – 96 (*Pimpri*)

INTRODUCTION

- Scala is a general-purpose, high-level, multi-paradigm programming language. It is pure object oriented programming language which also provides the support to the functional programming approach.
- People always thinks that Scala is a extension of Java. But it is not true. It is just completely interoperable with Java. Scala programs are converted into .class file which contains Java Byte Code after the successful compilation and then can run on JVM.

Scope of the project

- In this mini project we can get brief knowledge about how nested if-else statements works in large program and how to write them in a sequential manner.
- Also in this project we can find many logic building statements which are written with the help of nested if-else clause.
- This project helps to build your programming logic and it will also makes you familiar with variables, datatype, inputs in Scala and how control statements works.
- This will project will also gives you confidence about how to construct larger program with your own logic building ability. Once you got that logic building ability then you can create many such larger programs by your own.



HARDWARE & SOFTWARE

Software requirements:

- a) Operating System : Linux
- b) Editor: Any text editor (I have used VS Code)
- c) Compiler : Scala

A Hardware requirements:

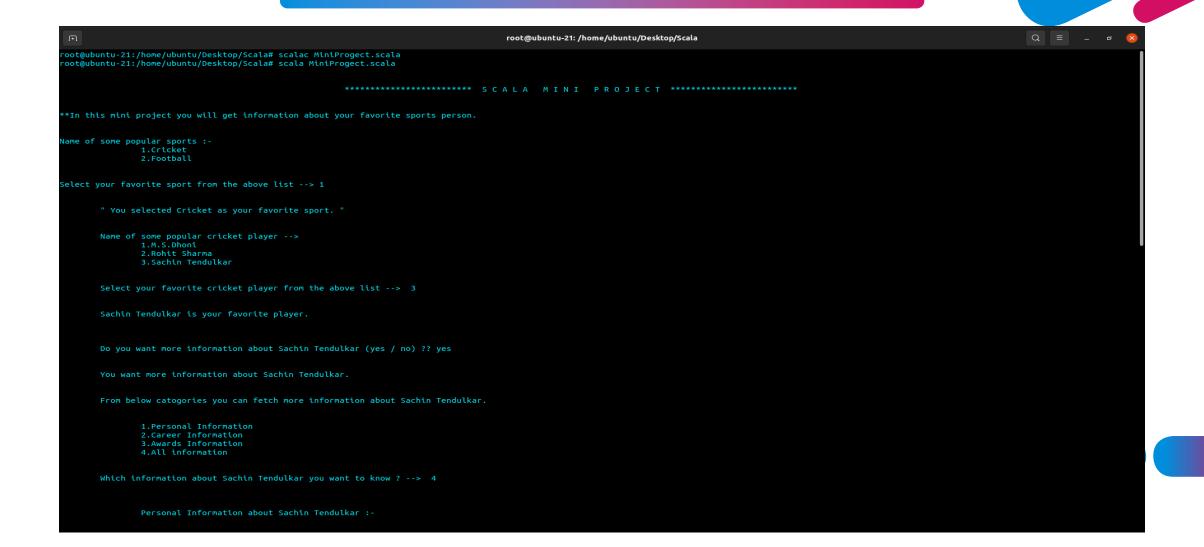
- a) RAM: 4 GB
- **b)** ROM: 1 TB

CODING

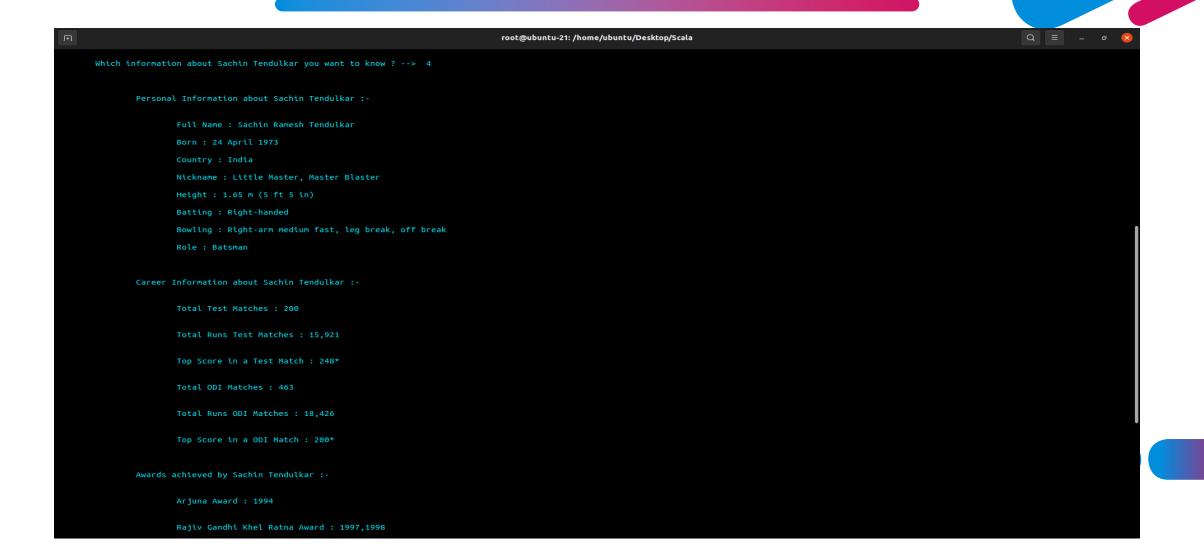
✓ Since my mini project's code is larger hence I have provided the zip file of my code.

https://drive.google.com/file/d/1sOMMtt8a-PTEOLA6aMu8uR1jt7k-Yn8r/view?usp=sharing

OUTPUT SCREEN



OUTPUT SCREEN



OUTPUT SCREEN

root@ubuntu-21: /home/ubuntu/Desktop/Scala	Q		×	
Total Runs Test Matches : 15,921				
Top Score in a Test Match : 248*				
Total ODI Matches : 463				
Total Runs ODI Matches : 18,426				
Top Score in a ODI Match : 200*				
Awards achieved by Sachin Tendulkar :-				
Arjuna Award : 1994				
Rajiv Gandhi Khel Ratna Award : 1997,1998				
Wisden Cricketer of the Year : 1997				
Padma Shri : 1999				
Maharastra Bhushan : 2001				
Padma Vibhushan : 2008				
ICC Cricketer of the Year : 2010				

ot@ubuntu-21:/home/ubuntu/Desktop/Scala#				

