

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

❖ 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

```
root@ubuntu-21: /home/ubuntu/Desktop/Scala
root@ubuntu-21:/home/ubuntu/Desktop/Scala# scalac MiniProject.scala
root@ubuntu-21:/home/ubuntu/Desktop/Scala# scala MiniProject.scala

***** S C A L A   M I N I   P R O J E C T *****

**In this mini project you will get information about your favorite sports person.

Name of some popular sports :-
    1.Cricket
    2.Football

Select your favorite sport from the above list --> 1

    " You selected Cricket as your favorite sport. "

Name of some popular cricket player -->
    1.M.S.Dhoni
    2.Rohit Sharma
    3.Sachin Tendulkar

Select your favorite cricket player from the above list --> 3

Sachin Tendulkar is your favorite player.

Do you want more information about Sachin Tendulkar (yes / no) ?? yes

You want more information about Sachin Tendulkar.

From below catogories you can fetch more information about Sachin Tendulkar.

    1.Personal Information
    2.Career Information
    3.Awards Information
    4.All information

Which information about Sachin Tendulkar you want to know ? --> 4

Personal Information about Sachin Tendulkar :-
```


OUTPUT SCREEN

```
root@ubuntu-21: /home/ubuntu/Desktop/Scala

Which information about Sachin Tendulkar you want to know ? --> 4

Personal Information about Sachin Tendulkar :-

Full Name : Sachin Ramesh Tendulkar
Born : 24 April 1973
Country : India
Nickname : Little Master, Master Blaster
Height : 1.65 m (5 ft 5 in)
Batting : Right-handed
Bowling : Right-arm medium fast, leg break, off break
Role : Batsman

Career Information about Sachin Tendulkar :-

Total Test Matches : 200
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
```

OUTPUT SCREEN

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root@ubuntu-21: /home/ubuntu/Desktop/Scala

Total Runs Test Matches : 15,921

Top Score in a Test Match : 248*

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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

Maharashtra Bhushan : 2001

Padma Vibhushan : 2008

ICC Cricketer of the Year : 2010

***** BE SAFE *****
***** BE VACCINATED *****
***** THANK YOU *****

root@ubuntu-21:/home/ubuntu/Desktop/Scala#
```



THANK YOU