20th May 2019 Shobhit Prakash 11-F

Computer Science Holiday Homework

Python Computer Language

# List of **Python** Programs

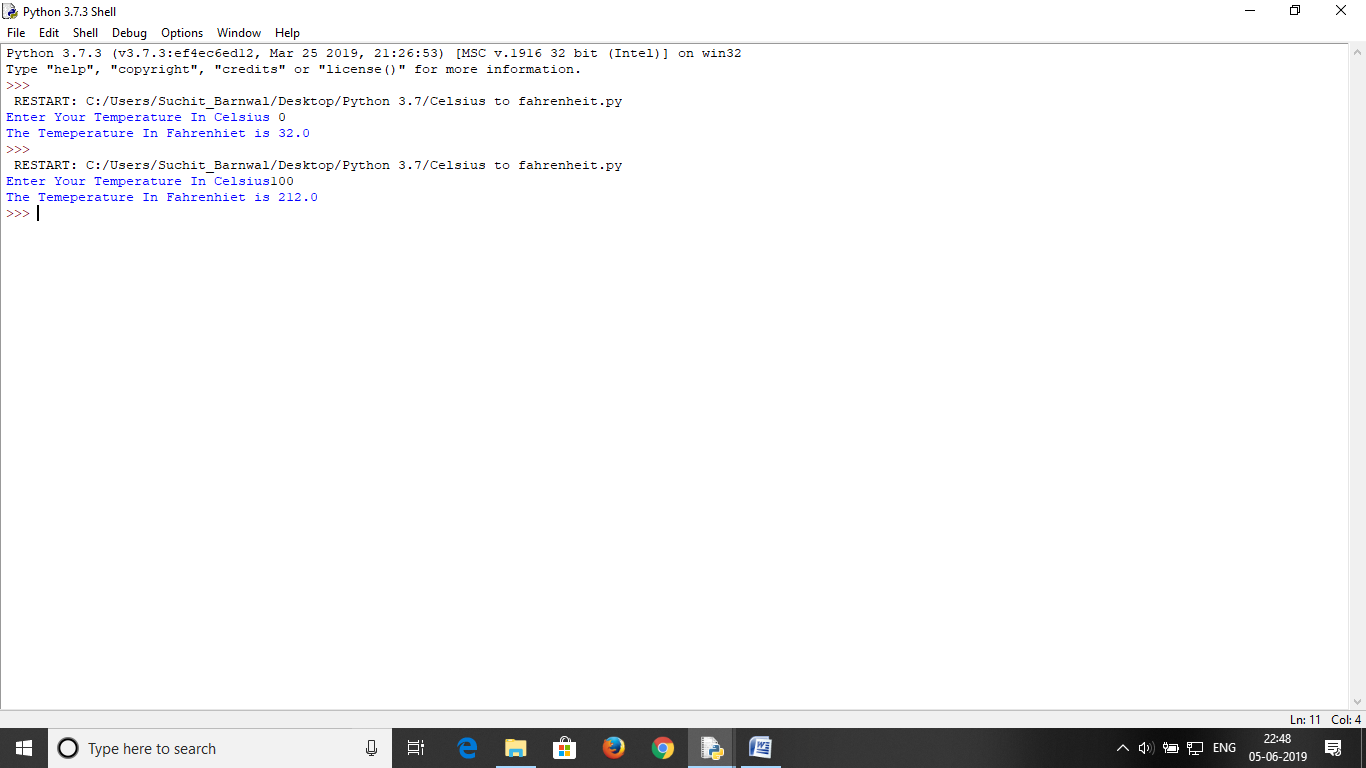
* Program to find *the area* and *perimeter* of a Rectangle.
* Program to find *the area* and *perimeter* of a Right Triangle.
* Program to find the *area* and *circumference* of a Circle.
* Program to find *Simple* Interest.
* Program to find *Compound* Interest.
* Program to *convert* Temperature from *Celsius* into *Fahrenheit* and vice-versa.
* Program to make a *Report* Card from marks of a student.
* Program to find the *sum*, *difference*, *product* and *quotient* of two variables.

1. **Program To Convert Celsius To Fahrenheit :-**

C = int(input("Enter Your Temperature In Celsius"))

F=(C\*9/5)+32

print("The Temeperature In Fahrenhiet is",F)

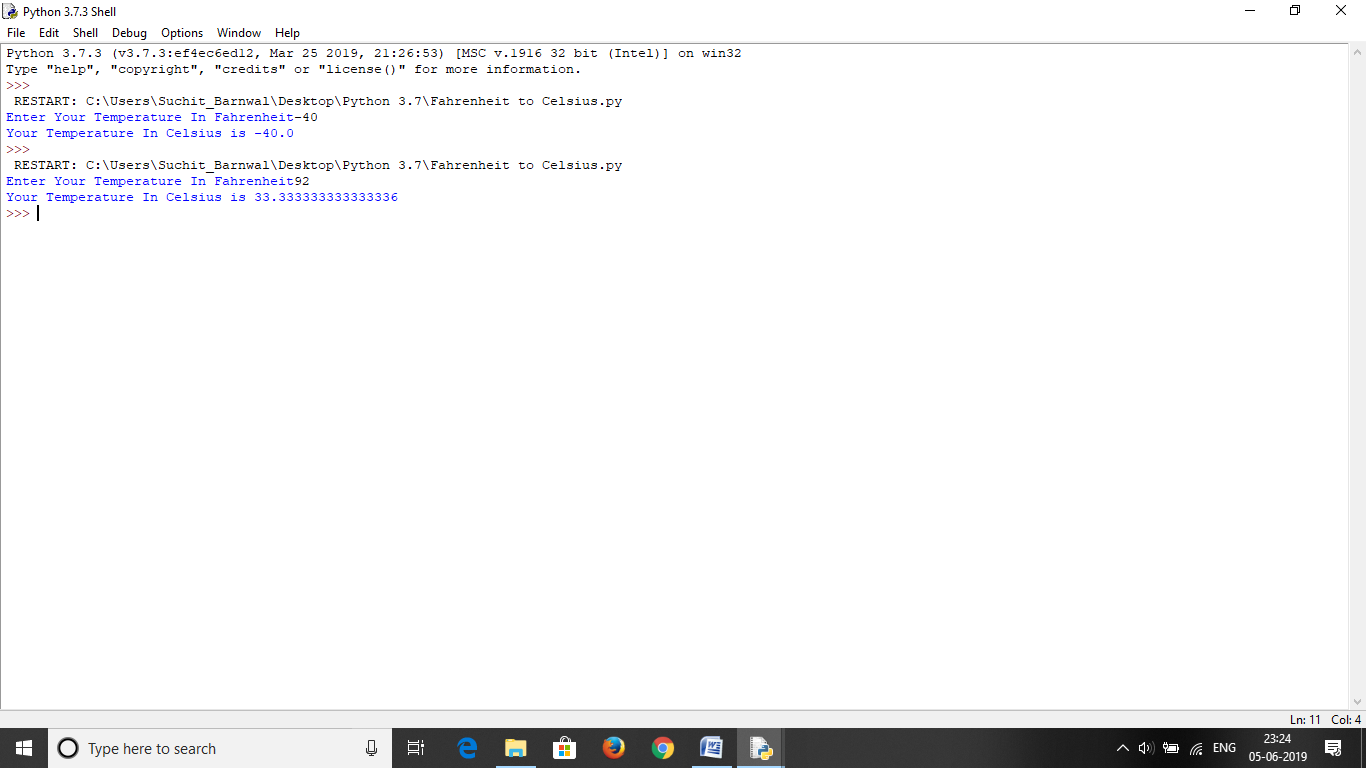


**(2) Program To Convert Fahrenheit To Celsius :-**

F= int(input("Enter Your Temperature In Fahrenheit"))

C= (F-32)\*5/9

print("Your Temperature In Celsius is",C)



**(3) Program To Find Area And Perimeter Of Rectangle :-**

L= int(input(" Enter The Length Of Rectangle"))

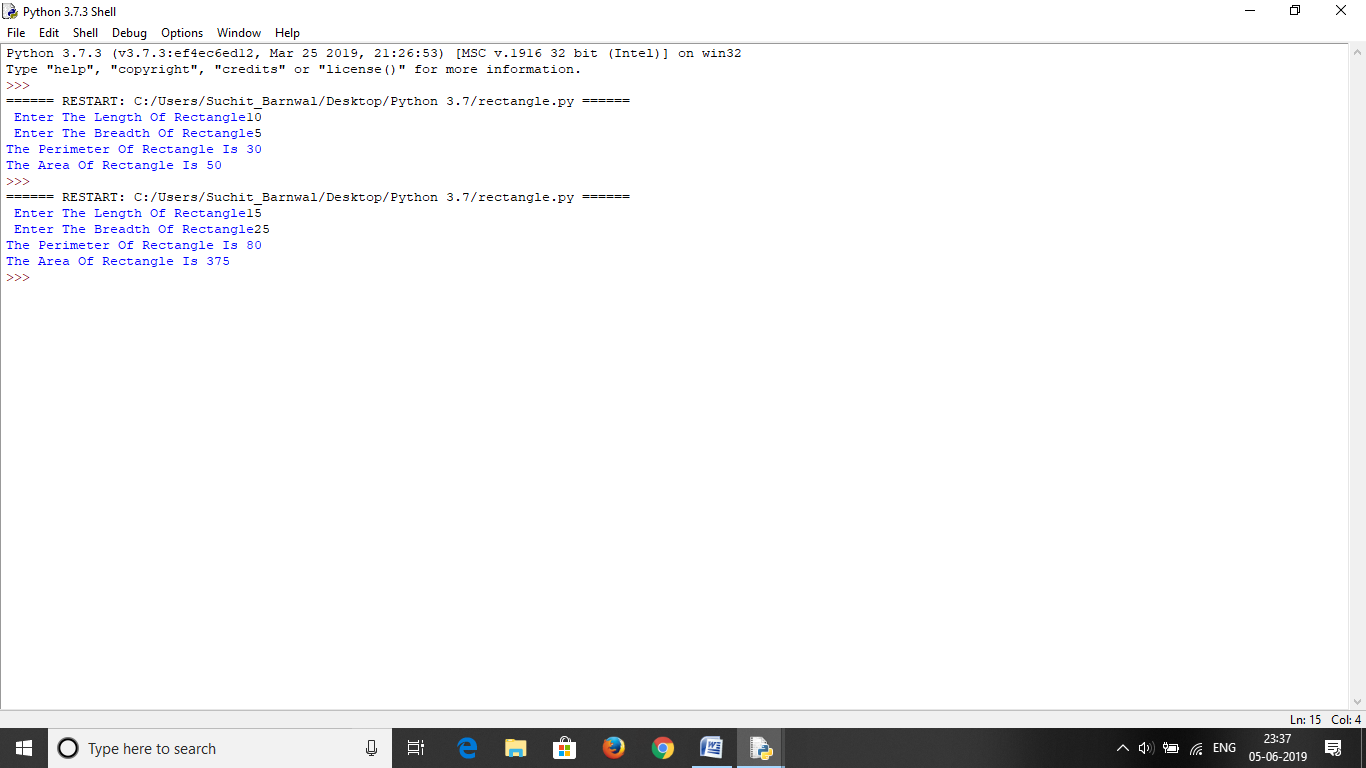
B= int(input(" Enter The Breadth Of Rectangle"))

P= 2\*(L+B)

A= L\*B

print("The Perimeter Of Rectangle Is",P)

print("The Area Of Rectangle Is",A)

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**(4) Program To Find Area And Perimeter Of Square :-**

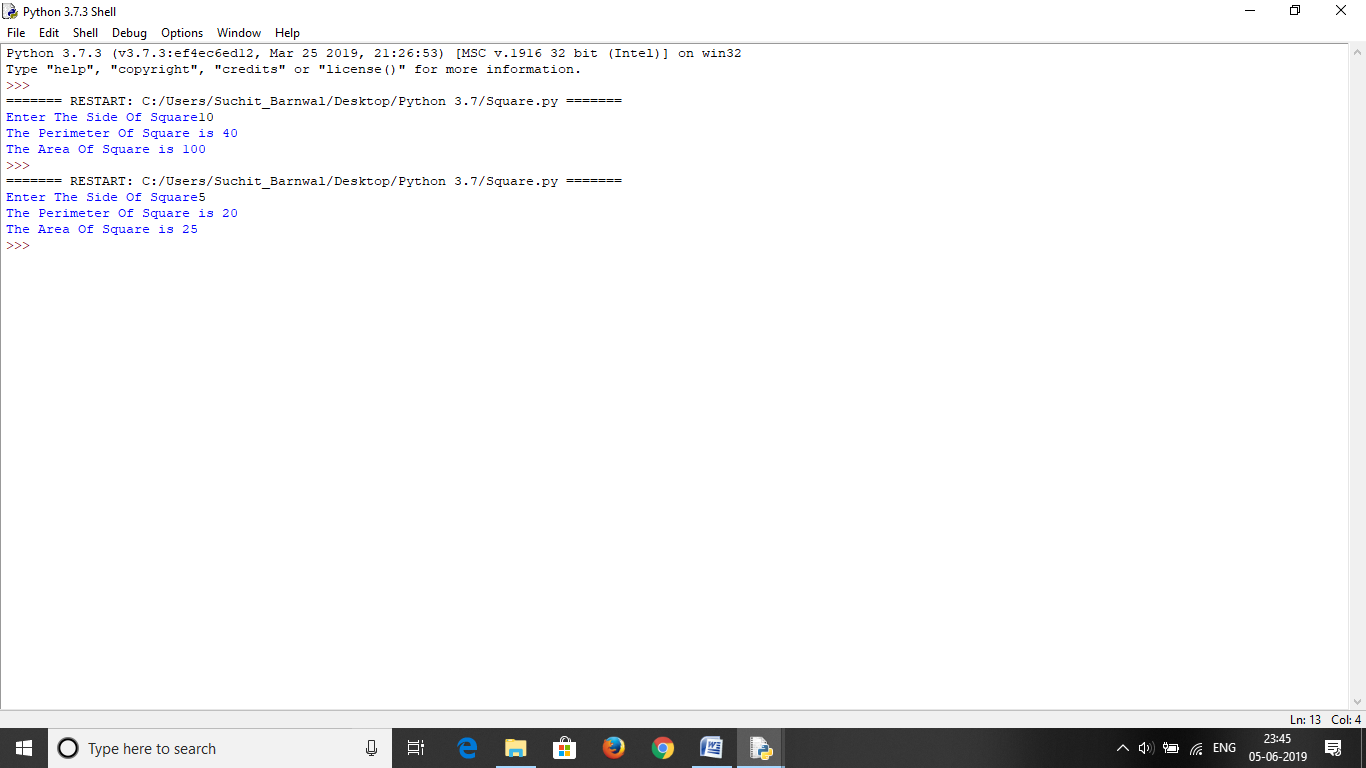
S= int(input("Enter The Side Of Square"))

P= 4\*S

A= S\*S

print("The Perimeter Of Square is",P)

print("The Area Of Square is",A)



**(5) Program To Find Simple Interest And Compound Interest :-**

P=int(input("Enter The Princpal"))

R=int(input("Enter The rate Of Interest"))

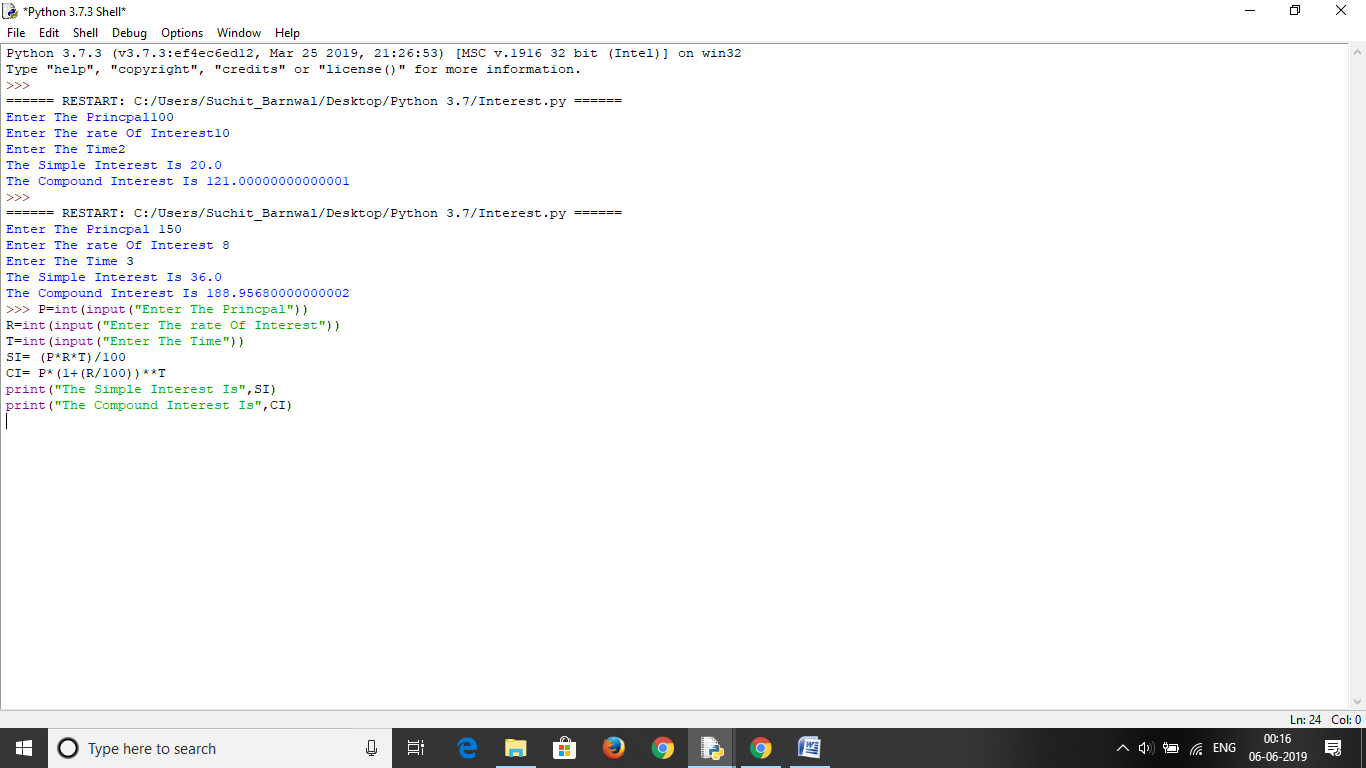
T=int(input("Enter The Time"))

SI= (P\*R\*T)/100

CI= P\*(1+(R/100))\*\*T

print("The Simple Interest Is",SI)

print("The Compound Interest Is",CI)



**(6) Program To Create Report Card:-**

n = input("Enter Your Name: ")

a = int(input("Enter Marks for English: "))

b = int(input("Enter Marks for Maths: "))

c = int(input("Enter Marks for Science: "))

d = int(input("Enter Marks for SST: "))

e = int(input("Enter Marks for Hindi: "))

s = a+b+c+d+e

p = (s/5)

print("Hi", n,"you got a total of", s,"/500 marks in your exams.")

print("Your average was ", p, "and total percentage was ", p\*100/100,"%") 