

#1

```
Temp = float(input("Please enter the temperature in Celsius : ")); print("The {:.1f} Celcius = {:.1f} Farenhite".format(Temp,(9*Temp/5)+32))
```

```
Please enter the temperature in Celsius : 23
The 23.0 Celcius = 73.4 Farenhite
```

#2

```
Num2 = int(input("Enter number "))
```

```
Sum2 = 0
```

```
for i in range(1,Num2+1) :
```

```
    Sum2 = i+Sum2
```

```
print("Summation of numbers from 1 to {} is : {}".format(Num2,Sum2))
```

```
Enter number 25
Summation of numbers from 1 to 25 is : 325
```

#3

```
Num3 = int(input("Enter a number to make a multiplication table : "))
```

```
for i in range(1,13) :
```

```
    print(Num3, "X", i, "=", Num3*i)
```

```
Enter a number to make a multiplication table : 4
4 X 1 = 4
4 X 2 = 8
4 X 3 = 12
4 X 4 = 16
4 X 5 = 20
4 X 6 = 24
4 X 7 = 28
4 X 8 = 32
4 X 9 = 36
4 X 10 = 40
4 X 11 = 44
4 X 12 = 48
```

#4

```
Score = int(input("Please enter your score : "))
```

```
Grade = 0
```

```
if Score >= 80 :
```

```
    Grade = "A"
```

```
elif 79 >= Score >= 75 :
```

```
    Grade = "B+"
```

```
elif 74 >= Score >= 70 :
```

```
    Grade = "B"
```

```
elif 69 >= Score >= 65 :
```

```
    Grade = "C+"
```

```
elif 64 >= Score >= 60 :
```

```
    Grade = "C"
```

```
elif 59 >= Score >= 55 :
```

```
    Grade = "D+"
```

```
elif 54 >= Score >= 50 :
```

```
    Grade = "D"
```

```
else :
```

```
    Grade = "F"
```

```
print("You got" ,Grade)
```

```
Please enter your score : 62
```

```
You got C
```

```
Please enter a starting number :
```

#5

```
Start = int(input("Please enter a starting number : "))
End = int(input("Please enter an ending number : "))
print("Prime numbers between {} and {} are :".format(Start,End))
for i in range(Start,End+1):
    if i > 1 :
        for o in range(2,i):
            if(i % o == 0):
                break
        else:
            print(i)
```

```
Please enter a starting number : 1
Please enter an ending number : 12
Prime numbers between 1 and 12 are :
2
3
5
7
11
```