

Q.1 What is the output of the expression `print(-18 // 4)` ? -15

Q.2 What is the output of `print(2 * 3 ** 3 * 4)` ? 216

Q.3 What is the output of `print(10 - 4 * 2)` ? 2

Q.4 Answer in True or False.

a.     `a = 6`  
       `b = 10`  
       `print( a == 6 )`    True

b.     `a = 6`  
       `b = 10`  
       `print( not ( b == 6 ) )`    True

c.     `a = 6`  
       `b = 10`  
       `print( a == 10 or b == 10 )`    True

d.     `a = 6`  
       `b = 10`  
       `print( a == 6 and 10 )`    10

e.     `a = 6`  
       `b = 10`  
       `print( not a == 10 and b == 10 )`    True

f.     `a = 6`  
       `b = 10`  
       `print( a == 10 or not b == 10 )`    False

g.     `a = 6`  
       `b = 10`  
       `print( a == 6 and (not a == 10) )`    True

Q.5 Write a python program to find minimum of two numbers. Ask numbers from user.

```
In [12]: a = int(input())
b = int(input())
if a < b:
    print(f"{a} is the minimum number")
elif b < a:
    print(f"{b} is the minimum number")
else:
    print(f"{a} and {b} Both are equal")

5
4
4 is the minimum number
```

Q.6 Write a python program to convert temperature from Celsius to Fahrenheit.

Ask Celsius from User.

```
In [15]: cel = int(input("type a celsius -"))
fah = ( cel * 9/5 ) + 32
print(f"{cel} Celsius to Fahrenheit is {fah}")

type a celsius -32
32Celsius to Fahrenheit is 89.6
```

Q.7 Ask 3 numbers from User and Calculate the Average.

```
In [17]: a = int(input("num 1 is - "))
b = int(input("num 2 is - "))
c = int(input("num 3 is - "))
ans = (a+b+c)/3
print(ans)
```

```
num 1 is - 10
num 2 is - 20
num 3 is - 30
20.0
```

Q.8 Ask number of games played in a tournament. Ask the user number of

games won and number of games loss. Calculate number of tie and total

Points. (1 win= 4 points, 1 tie =2 points)

---

```
In [22]: game_played = int(input("how many games you played in a tournament? - "))
game_won_number = int(input("how many number of games you won? - "))
game_loss_number = int(input("how many number of games you loss? - "))
game_tie = game_played - game_won_number - game_loss_number
point = 0
point2 = 0
total = 0
if game_won_number != 0:
    point = game_won_number * 4
    print(f"your point is {point}")
if game_tie != 0:
    point2 = game_tie * 2
    print(f"your point is {point2}")
total = point + point2
print(f"total points is {total}")
```

```
how many games you played in a tournament? - 10
how many number of games you won? - 10
how many number of games you loss? - 0
your point is 40
total points is 40
```