

## Match case

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In [10]: # match case ( it is similar to switch case )
# NOTE: '3.10 python version' allows match case statement .

num=int(input("Enter a number(0-5) :"))
match num:
    case 0:
        print(f"You have entered ZERO : {num}")
    case 1:
        print(f"You have entered one : {num}" )
    case 3:
        print(f"You have entered Three : {num}")
    case 4:
        print(f"You have entered fore : {num}")
    case 5:
        print(f"You have entered five : {num}")

    case _: # ' _ ' This operator is called underscore # It run when
        print(f"Sorry You have entered Invalid number : {num}")
```

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Enter a number(0-5) :5
You have entered five : 5
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## if else condition in match case statement

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In [23]: # write a match case using if else statement (Even or not number)?

num=int(input("Enter a number :"))
match num:
    case num if num>0 and num%2==0:
        print(f"Even number : {num} ")
    case num if num>0 and num%2 !=0:
        print(f"odd number : {num}")
    case _:
        print("You have Entered Zero ")
```

```
Enter a number :0
You have Entered Zero
```

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In [15]: # Task of Programing

# write a python program to make calcuketor ?

n1=int(input("Enter 1st integer number :"))
n2=int(input("Enter 2st integer number :"))
print("Enter one option Which you wants to performs :-")
print("1) Additiona of Two number .")
print("2) Substraction of Two number .")
print("3) Mulltiply of Two number .")
print("4) Division of Two number .")
num=int(input())
match num:
    case 1:
        print("The Additional of Two Number :",n1+n2)
    case 2:
        print("The Substraction of Two Number :",n1-n2)
    case 3:
        print("The Multification of Two Number :",n1*n2)
    case 4:
        print("The Additional of Two Number :",n1/n2)
    case _:
        print("Sorry You have Entered wrong Key ??")
```

```
Enter 1st integer number :10
Enter 2st integer number :10
Enter one option Which you wants to performs :-
1) Additiona of Two number .
2) Substraction of Two number .
3) Mulltiply of Two number .
4) Division of Two number .
1
The Additional of Two Number : 20
```

In [ ]: