

```
In [1]: def add(a,b):
        u=a+b
        return u

def subtract(a,b):
    d=a-b
    return d

def multiply(a,b):
    e=a*b
    return e

def divide(a,b):
    if b == 0:
        return "Error! Division by Zero is not defined"
    return a/b
a=float(input("Enter your 1st Number: "))
b=float(input("Enter your 2nd Number: "))
print("Enter your choice of function:\n1. ADD\n2. SUBTRACT\n3. MULTIPLY\n4. DIVIDE")
c= int(input("Enter your choice: "))
if (c==1):
    print(add(a,b))
elif (c==2):
    print(subtract(a,b))
elif (c==3):
    print(multiply(a,b))
elif (c==4):
    print(divide(a,b))
else:
    print("invalid option!")
```

```
Enter your 1st Number: 34
Enter your 2nd Number: 12
Enter your choice of function:
1. ADD
2. SUBTRACT
3. MULTIPLY
4. DIVIDE
Enter your choice: 1
46.0
```

In []:

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