LAB 3 (11.02.26)
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1. SIMPLE CALCULATOR

CODE:

```python
#simple calculator
a=int(input("enter 1st number:"))
b=int(input("enter 2nd number:"))
c=input("enter 1 for addition, 2 for substraction, 3 for multiplication, 4 for division:")
add=a+b
sub=a-b
mul=a*b
div=a/b
if(c==1):
    print(add)
elif(c==2):
    print(sub)
elif(c==3):
    print(mul)
elif(c==4):
    print(div)
else:
    print("invalid")
```

OUTPUT:

```
enter 1st number: 3
enter 2nd number: 6
enter 1 for addition, 2 for substraction, 3 for multiplication, 4 for division: 4
invalid
```

2.TEMPARATURE CONVERSION FROM FARENHITE TO CELCIUS

CODE:

```python
#temperature conversion from fraranhite to celcius
f=int(input("enter temprature in faranhite:"))
c=(5*(f-32))/9
print(c)
```

OUTPUT:

```
enter temprature in faranhite: 99
37.22222222222222
```

3.TEMPARATURE CONVERSION FROM CELCIUS TO FARENHITE

CODE:

```python
#temperature conversion from celcius to faranhite
c=int(input("enter temprature in celcius:"))
f=((9*c)/5)+32
print(f)
```

OUTPUT:

```
enter temprature in celcius: 37
98.6
```

4.FIND THE LARGEST AMONG 3 NUMBERS

CODE:

```python
#find the largest among three numbers
a=int(input("enter first number:"))
b=int(input("enter second number:"))
c=int(input("enter third number:"))
if(a>b) and (a>c):
    print(f"{a} is the largest")
elif(b>a) and (b>c):
    print(f"{b} is the largest")

elif(c>a) and (c>b):
    print(f"{c} is the largest")
else:
    print("invalid")
```

OUTPUT:

```
enter first number: 3
enter second number: 6
enter third number: 2
6 is the largest
```

5..FIND THE SMALLEST AMONG 3 NUMBERS

```python
#find the smallest among three numbers
a=int(input("enter first number:"))
b=int(input("enter second number:"))
c=int(input("enter third number:"))
if(a<b) and (a<c):
    print(f"{a} is the smallest")
elif(b<a) and (b<c):
    print(f"{b} is the smallest")

elif(c<a) and (c<b):
    print(f"{c} is the smallest")
else:
    print("invalid")
```

```
enter first number: 3
enter second number: 4
enter third number: 5
3 is the smallest
```