CALCULATOR

```python
In [ ]:
while 1:
    c=int(input())
    if c==1:
        a=int(input())
        b=int(input())
        print(a+b)
    elif c==2:
        a=int(input())
        b=int(input())
        print(a-b)
    elif c==3:
        a=int(input())
        b=int(input())
        print(a*b)
    elif c==4:
        a=int(input())
        b=int(input())
        print(a//b)
    elif c==5:
        a=int(input())
        b=int(input())
        print(a%b)
    elif c==6:
        exit()
    else:
        print("Invalid Operation")
```

Reverse Of a Number

```python
In [ ]:
n=int(input())
i=0
s=0
while n!=0:
    r=n%10
    s=s*10+r
    n=n//10
print(s)
```

Palindrome

```python
num=int(input())
temp=num
rev=0
while(num>0):
    dig=num%10
    rev=rev*10+dig
    num=num//10
if(temp==rev):
    print("true")
else:
    print("false")
```

Sum of even and odd

```python
n=int(input())
e=0
o=0
while n!=0:
    r=n%10
    if r%2==0:
        e=e+r
    else:
        o=o+r
    n=n//10
print(e," ",o)
```

Nth fibonacci number

```python
n=int(input())
i=2
a=1
b=1
if n==0:
    print(0)
elif n==1 or n==2:
    print(a)
else:
    while i<n:
        c=a+b
        a=b
        b=c
        i=i+1
    print(c)
```