

① Even sum up to n

```
echo "enter number"
```

```
read N
```

```
i=0
```

```
sum=0
```

```
while [ $i -lt $N ]
```

```
do
```

```
    sum=$((sum+i))
```

```
    i=$((i+2))
```

```
done
```

```
echo $sum
```

② ~~for~~ combination of 1, 2, 3

```
for i in 1 2 3
```

```
do
```

```
    for j in 1 2 3
```

```
    do
```

```
        for k in 1 2 3
```

```
        do
```

```
            echo $i $j $k
```

```
        done
```

```
    done
```

```
done
```

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Power of a number

echo -n "Enter the value of x & n to find  $x^n$  :

read x n

product = 1

while [ \$n -gt 0 ]

do

product=\$((product \* x))

n=\$((n-1))

done

echo "The result is \$product"

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sum of numbers upto n

echo "enter n"

read n

i=0

sum=0

while [ \$i -le \$n ]

do

sum=\$((sum+i))

i=\$((i+1))

done

echo "sum is" \$sum