

```
#!/bin/bash
```

```
echo "Login name : $LOGNAME";
```

```
echo "User : $(whoami)";
```

```
echo "Current directory : $PWD";
```

```
echo "Today date : $(date)";
```

```
[mca@localhost ~]$ ./p23.sh
```

```
Login name : mca
```

```
User : mca
```

```
Current directory : /home/mca
```

```
Today date : Mon Mar 18 14:18:20 IST 2024
```

```
[mca@localhost ~]$ █
```

```
#!/bin/bash
a=0
b=0
c=1
sum=0
echo "Fibonacci Series up to limit 10 : "
while [ $b -le 10 ]
do
    echo $b
    sum=`expr $sum + $b`
    a=$b
    b=$c
    c=`expr $a + $b`
done
echo "Sum of fibonacci : $sum"
```

```
[mca@localhost ~]$ ./p24.sh
Fibonacci Series up to limit 10 :
0
1
1
2
3
5
8
Sum of fibonacci : 20
[mca@localhost ~]$
```

```
echo "Prime numbers from 50 to 100"
flag=0
for((i=50; i<=100; i++))
do
    for((j=2; j < i; j++))
    do
        rem=`expr $i % $j`
        if [ $rem -eq 0 ]
        then
            flag=1
        fi
    done
    if [ $flag -eq 0 ]
    then
        echo $i
    fi
    flag=0
done
```

```
[mca@localhost ~]$ ./p25.sh
Prime numbers from 50 to 100
53
59
61
67
71
73
79
83
89
97
[mca@localhost ~]$
```