

```
#!/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
Fibnocci Series up to limit 10 :
0
1
1
2
3
5
8
Sum of fibnocci : 20
[mca@localhost ~]$
```

```
#!/bin/bash
i=50
echo "Prime numbers from 50 to 100"
while [ $i -le 100 ]
do
    if [ `expr $i % 2` -ne 0 ]
    then
        echo $i
    fi
    i=`expr $i + 1`
done
```

```
[mca@localhost ~]$ ./p25.sh
```

```
Prime numbers from 50 to 100
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51
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53
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57
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97
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99
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```
[mca@localhost ~]$
```