

#!/bin/sh

echo "Enter the number"

read num

b=expr \$num % 2

then

echo "EVEN"

else

echo "ODD"

PROGRAM TO FIND THE SUM OF DIGITS OF A NUMBER

```
#!/bin/sh
```

```
echo "Enter the number"
```

```
read num
```

```
sum=0
```

```
while [ $num -ne 0 ]
```

```
do
```

```
    digit=expr $num % 10
```

```
    num=expr $num / 10
```

```
    sum=expr $sum + $digit
```

```
done
```

```
echo "Sum is $sum"
```


PROGRAM TO CHECK IF A NUMBER IS PALINDROME OR NOT

```
#!/bin/sh
```

```
echo "Enter number"
```

```
read num
```

```
temp=$num
```

```
rev=0
```

```
while [ $num -ne 0 ]
```

```
do
```

```
    digit=expr $num % 10
```

```
    rev=expr $rev \* 10 + $digit
```

```
    num=expr $num / 10
```

```
done
```

```
echo "$rev"
```

```
if [ $temp -eq $rev ]
```

```
then
```

```
echo "PALINDROME"
```

```
else
```

```
echo "NOT PALINDROME"
```

```
fi
```


PROGRAM TO IMPLEMENT SIMPLE CALCULATOR

```
#!/bin/sh
```

```
echo "1.Addition\n2.Subtraction\n3.Multiplication\n4.Division\n5.Exit"
```

```
while [ 1 -eq 1 ]
```

```
do
```

```
    echo "Enter two numbers"
```

```
    read a b
```

```
    echo "Choice"
```

```
    read c
```

```
    case $c in
```

```
        1)echo "$a + $b = expr $a + $b";;
```

```
        2)echo "$a - $b = expr $a - $b";;
```

```
        3)echo "$a * $b = expr $a \* $b";;
```

```
        4)echo "$a / $b = expr $a / $b";;
```

```
        5)exit;;
```

```
        *)echo "INVALID CHOICE"
```

```
    esac
```

```
done
```


PROGRAM TO DISPLAY DETAILS

```
#!/bin/sh
```

```
echo "1.Current Working Directory\n2.Today's Date\n3.List Of  
Users\n4.Exit"
```

```
while [ 1 -eq 1 ]
```

```
do
```

```
    read c
```

```
    case $c in
```

```
        1) pwd ;;
```

```
        2) date;;
```

```
        3) who;;
```

```
        4) exit;;
```

```
        *) echo "INVALID CHOICE";;
```

```
    esac
```

```
done
```