

EXP NO:6(A)

DATE:25/1/23

PALINDROME OR NOT

PROGRAM CODE:

```
str1=input("Enter a string:")  
str2=str1[::-1]  
print("Reversed string is",str2)  
if(str1==str2):  
    print("str 1 is palindrome")  
else:  
    print("Not a palindrome")
```

OUTPUT:

Enter a string:MOM

Reversed string is MOM

str 1 is palindrome

EXP:6(B)

DATE:25/1/23

REVERSE OF A STRING

PROGRAM CODE:

```
my_string=("blue")  
str=""  
for i in my_string:  
    str=i+str  
print("Reversed string:",str)
```

OUTPUT:

Reversed string: eulb

EXP NO:6(C)

DATE:25/1/23

LENGTH OF THE STRING

PROGRAM CODE:

```
string="Hello"
```

```
count=0
```

```
for i in string:
```

```
    count+=1
```

```
print("The num is",count)
```

OUTPUT:

The num is 5

EXP NO:6(D)

DATE:23/1/23

REPLACING THE VOWEL

PROGRAM CODE:

```
str = input("Enter the string: ")
newStr = ""
for ch in str :
    if ch == 'a' or ch == 'e' or ch == 'i' or ch == 'o' or ch == 'u' :
        newStr += '@'
    elif ch == 'A' or ch == 'E' or ch == 'I' or ch == 'O' or ch == 'U':
        newStr += '@'
    else :
        newStr += ch
print(newStr)
```

OUTPUT:

Enter the string: Navya

N@vy@