

(6) #include <stdio.h>

int main()

{

int n, s=0, rev=0;

printf("Enter a number ");

scanf("%d", &n);

int x=n

while(x>0)

{

int r = x/10;

s = s*10 + r;

rev = rev*10 + r

x /= 10;

}

printf("Sum of digits = %d\n", s);

if (rev == n)

printf("Palindrome\n");

else

printf("Not Palindrome\n");

return 0;

}

```
doesitmatter@Anonymous-2:~/Desktop/C/Home Assignment 2$ ./Palindrome
```

```
Enter a number 12321
```

```
Sum of digits = 9
```

```
Palindrome
```

```
doesitmatter@Anonymous-2:~/Desktop/C/Home Assignment 2$ ./Palindrome
```

```
Enter a number 123
```

```
Sum of digits = 6
```

```
Not Palindrome
```

```
doesitmatter@Anonymous-2:~/Desktop/C/Home Assignment 2$
```