

PROGRAM:

```
import java.util.*;
```

```
class Palindrome
```

```
{
```

```
public static void main(String args[])
```

```
{
```

```
String s1,s;
```

```
Scanner sc=new Scanner(System.in);
```

```
System.out.println("Enter a string.");
```

```
s1=sc.next();
```

```
s=s1.toLowerCase();
```

```
int i=0,n,flag=1;
```

```
n=s.length();
```

```
for(i=0;i<n;i++)
```

```
{
```

```
if(s.charAt(i)==s.charAt(n-i-1))
```

```
{
```

```
continue;
```

```
}
```

```
else
```

```
{
```

```
flag=0;
```

```
break;
```

```
}
```

```
}
```

```
if(flag==1)
```

```
{
```

```
System.out.println(s+" is palindrome.");
```

```
}
```

```
else
```

```
{  
System.out.println(s+" is not palindrome.");  
}  
}  
}
```

OUTPUT:

D:\Aniket JAVA>javac Palindrome.java

D:\Aniket JAVA>java Palindrome

Enter a string.

Malayalam

malayalam is palindrome.

D:\Aniket JAVA>java Palindrome

Enter a string.

java

java is not palindrome.