CSA0976 Java Programming
Name:M.Varun
Reg No:192111007

ASSIGNMENT-1

1.CODE:
```java
import java.util.*;
class squareroot
{
        public static void main(String[] args)
        {
                System.out.print("Enter a number: ");
                Scanner sc = new Scanner(System.in);
                int n = sc.nextInt();
                System.out.println("The square root of "+ n+ " is:"+squareRoot(n));
        }
        public static int squareRoot(int num)
        {
                int t;
                int sqrtroot=num/2;
                do
                {
                        t=sqrtroot;
                        sqrtroot=(t+(num/t))/2;
                }
                while((t-sqrtroot)!= 0);
                return sqrtroot;
        }
}
```
 Output:
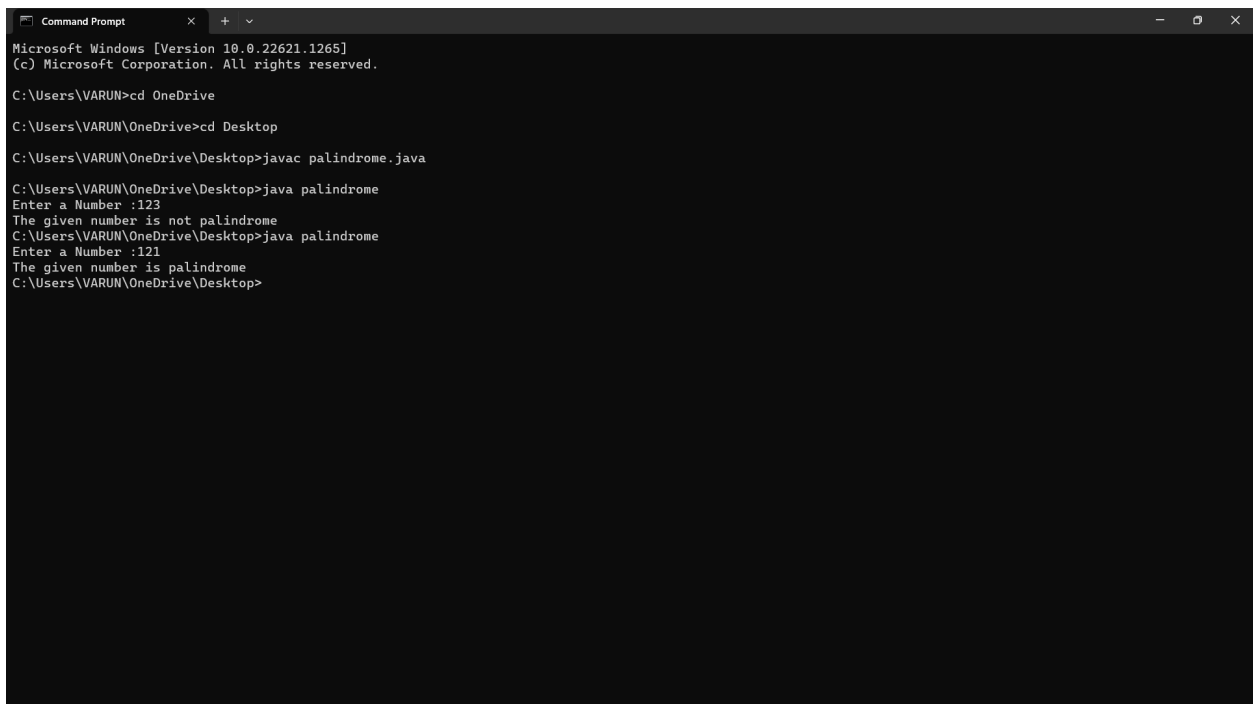
2.code:

```java
import java.io.*;
import java.util.*;
class palindrome
{
        public static void main(String arg[])
        {
                String s,b="";
                char d;
                Scanner c=new Scanner(System.in);
                System.out.print("Enter a Number :");
                s=c.nextLine();
                for(int i=0;i<s.length();i++)
                {
                        d=s.charAt(i);
                        b=d+b;
                }
                if(s.equals(b))
```

```java
            {
                System.out.print("The given number is palindrome");
            }
            else
            {
                System.out.print("The given number is not palindrome");
            }
        }
}
```

Output: