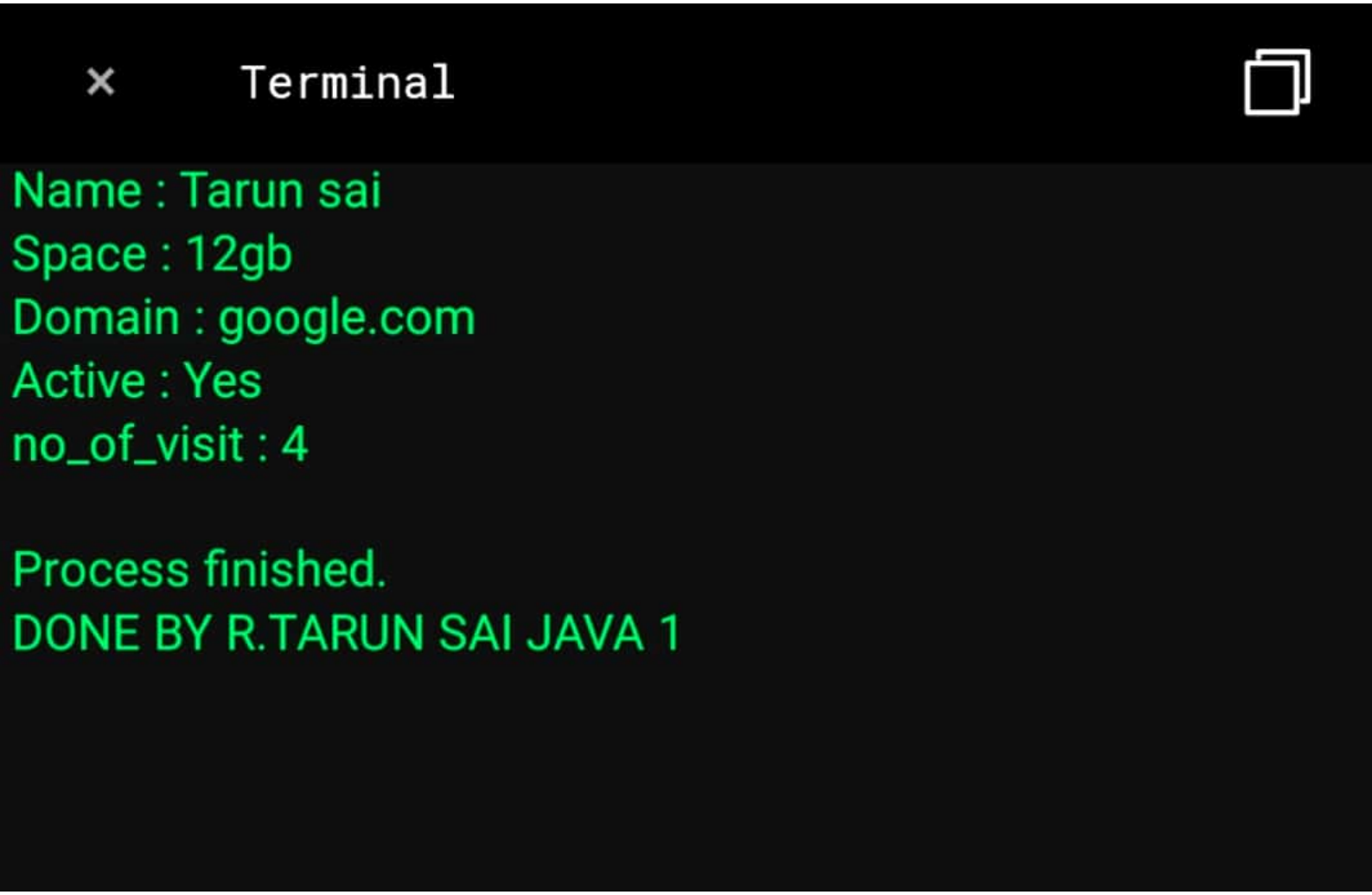
1st.java

Saved

```java
/*1.question*/

interface Website
{
  String name = "Tarun sai";
  String space = "12gb";
  String domain = "google.com";
  String active = "Yes";
  int no_of_visit = 4;
  public void purpose() throws Exception;
}
class Anywebsite implements Website
{
  /* This class must have to implement both the abstract methods
   * else you will get compilation error
   */
  public void purpose()
  {
 System.out.println("Name : "+name);
 System.out.println("Space : "+space);
 System.out.println("Domain : "+domain);
 System.out.println("Active : "+active);
 System.out.println("no_of_visit : "+no_of_visit );
  }
  public static void main(String arg[])
  {

    try{
 Website web = new Anywebsite();
 web.purpose();
 }
 catch(Exception e){
   e.printStackTrace();
 }
  }
}
```



2nd question.java

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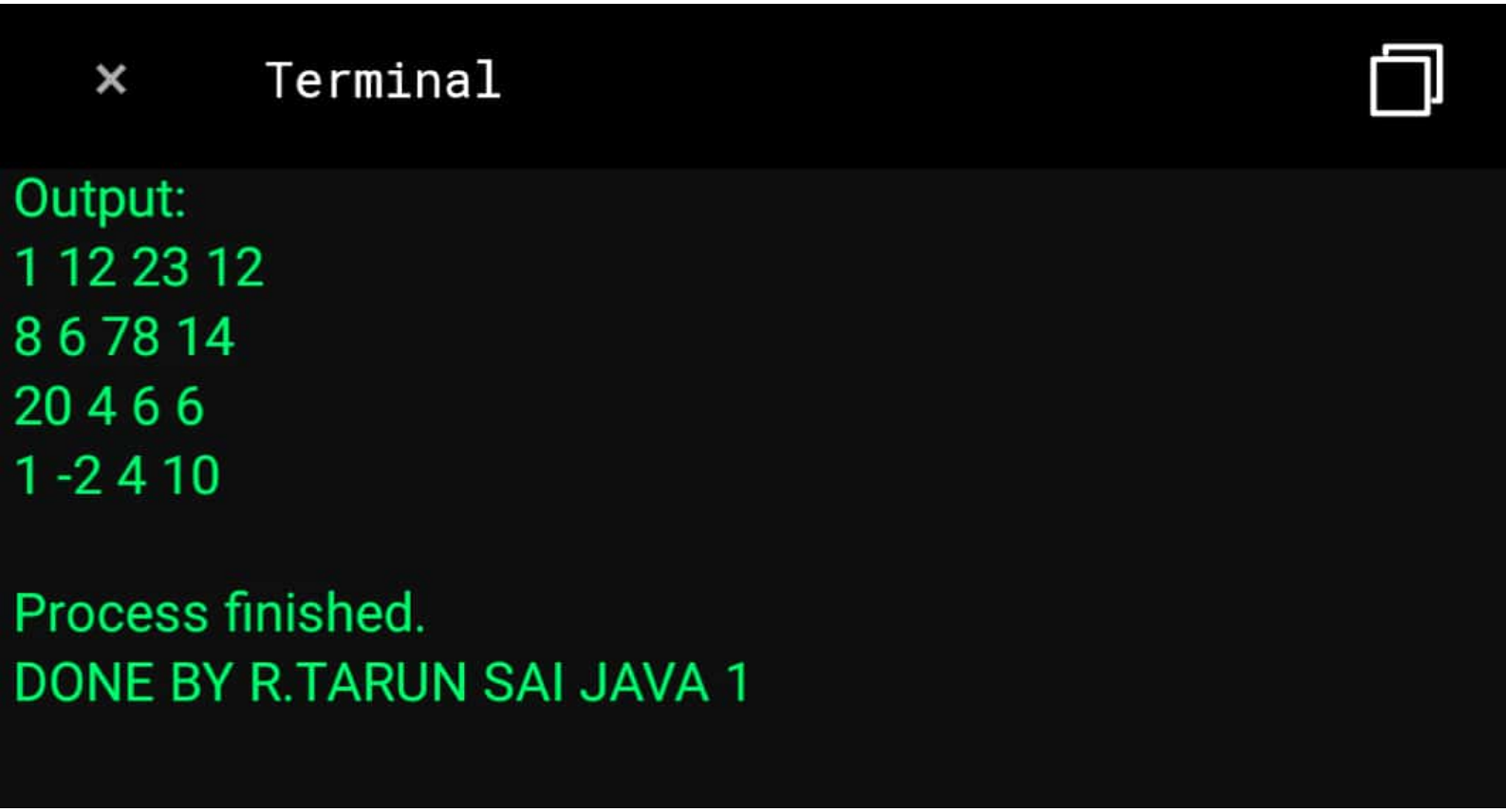
```java
/*2nd question*/
import java.lang.*;
import java.util.*;
class MatrixReloaded
{
 static int R = 4;
 static int C = 4;
 static void rotatematrix(int m, int n, int mat[][])
 {
  int row = 0, col = 0;
  int prev, curr;
  while (row < m && col < n)
  {
   if (row + 1 == m || col + 1 == n)
    break;
   prev = mat[row + 1][col];
   for (int i = col; i < n; i++)
   {
    curr = mat[row][i];
    mat[row][i] = prev;
    prev = curr;
   }
   row++;
   for (int i = row; i < m; i++)
   {
    curr = mat[i][n-1];
    mat[i][n-1] = prev;
    prev = curr;
   }
   n--;
   if (row < m)
   {
    for (int i = n-1; i >= col; i--)
    {
     curr = mat[m-1][i];
     mat[m-1][i] = prev;
     prev = curr;
    }
   }
   m--;
   if (col < n)
   {
```

2nd question.java

Saved

```
34        {
35          curr = mat[m-1][i];
36          mat[m-1][i] = prev;
37          prev = curr;
38        }
39      }
40      m--;
41      if (col < n)
42      {
43        for (int i = m-1; i >= row; i--)
44        {
45          curr = mat[i][col];
46          mat[i][col] = prev;
47          prev = curr;
48        }
49      }
50      col++;
51    }
52    System.out.println("Output: ");
53      for (int i = 0; i < R; i++)
54      {
55        for (int j = 0; j < C; j++)
56        System.out.print( mat[i][j] + " ");
57        System.out.print("\n");
58      }
59  }
60  public static void main(String[] args)
61  {
62  int a[][] = { {12, 23, 12, 14},
63        {1, 78, 6, 6},
64        {8, 6, 4, 10},
65        {20, 1, -2, 4} };
66  rotatematrix(R, C, a);
67
68  }
69 }
```



3rd question.java

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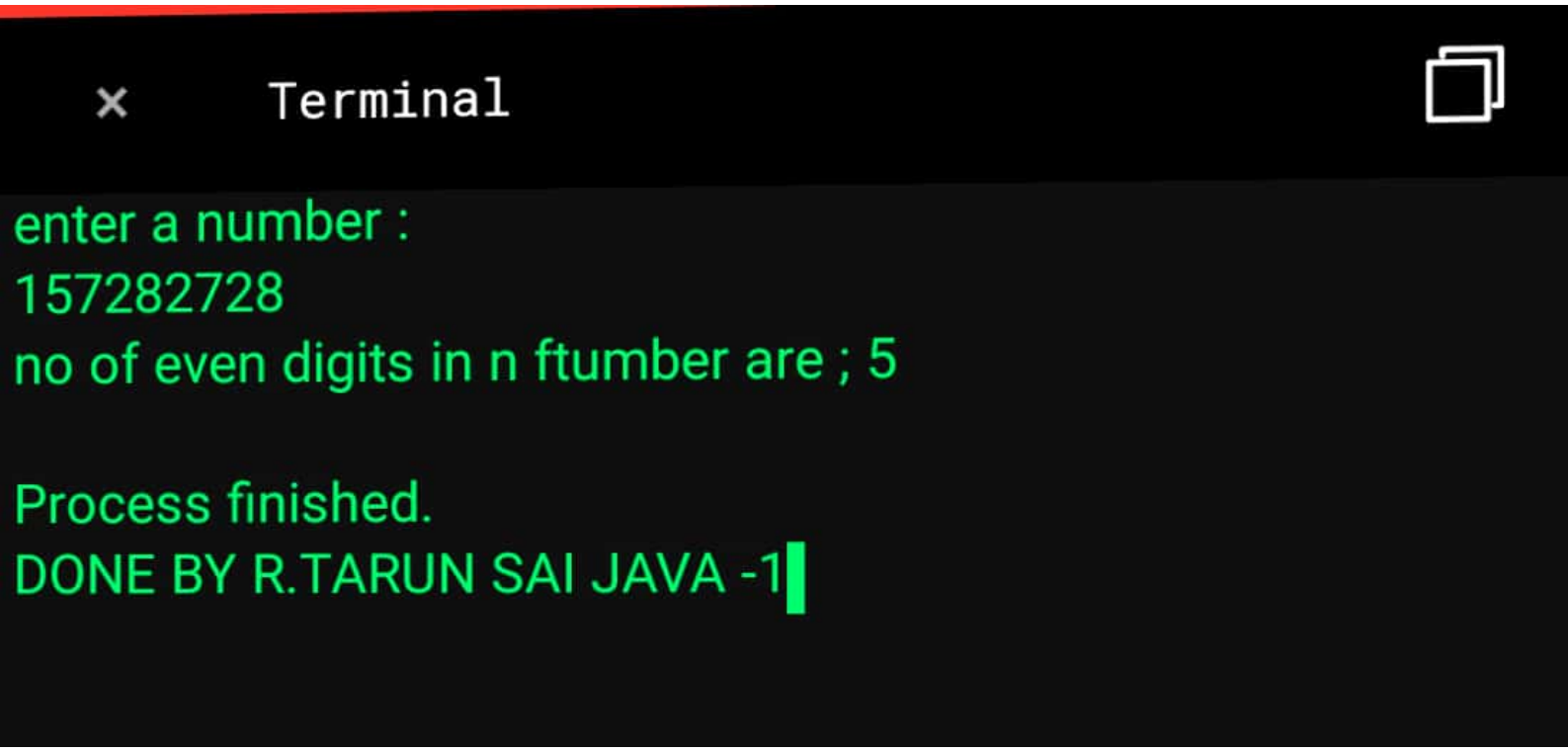
```java
/*3rd question*/
import java.util.*;
public class Even
{
 public static void main (String[] args)
 {


  int count=0;
  int rem=0 ;
  Scanner sc=new Scanner(System.in);
  System.out.println("enter a number :");
  int n= sc.nextInt();
  while(n>0)
  {
   rem=n%10;
   if(rem%2==0)
   {
    count++;
   }
   n=n/10;

  }
  System.out.println("no of even digits in n ftumber are ; "+count);

 }
}
```



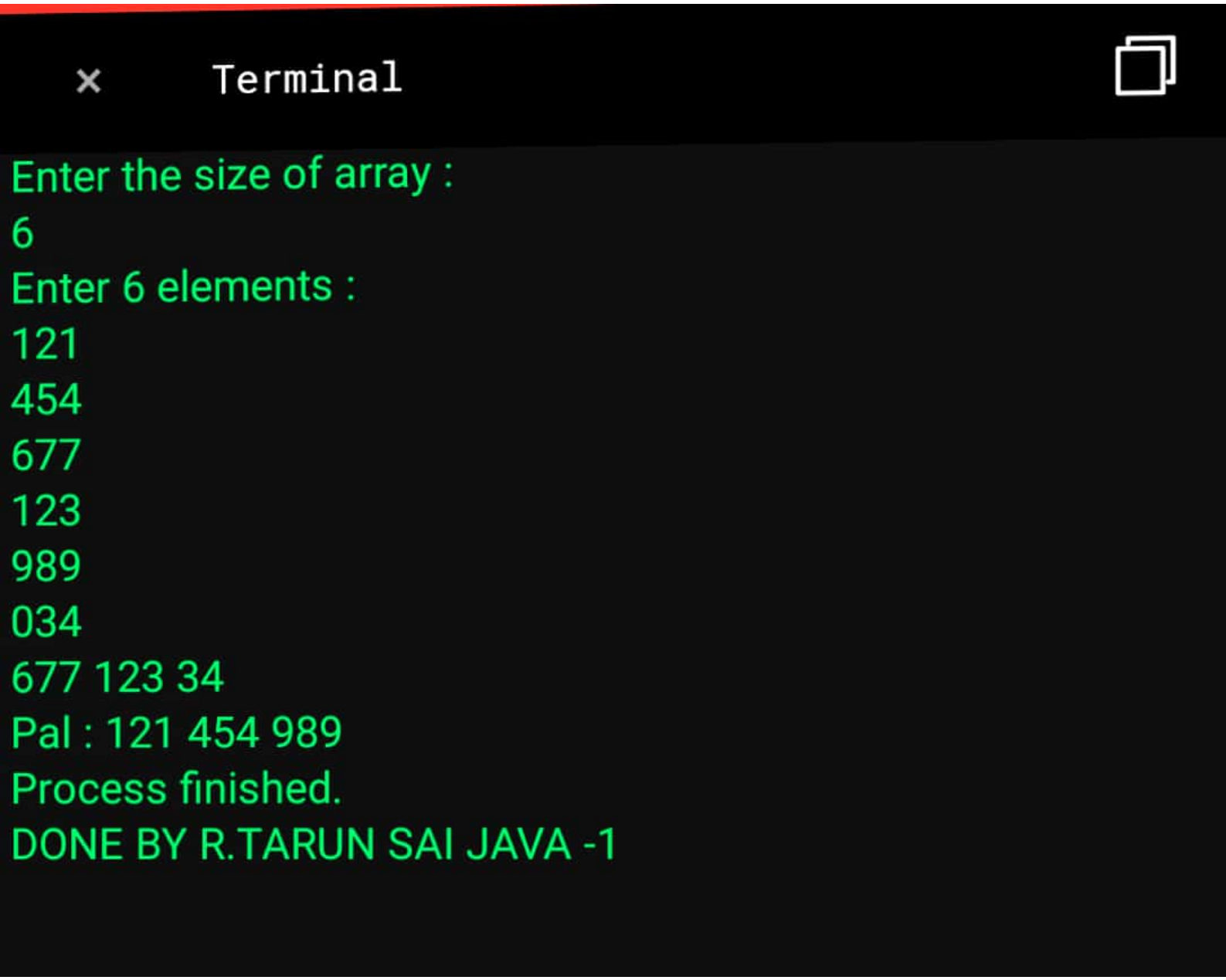
5th.java

Saved

```java
/*5th question*/

import java.util.Scanner;
 class Dcoder
{
  public static void main(String args[])
  {
    int k=0,flag=0;
    Scanner sc=new Scanner(System.in);
    System.out.println("Enter the size of array :");
    int size=sc.nextInt();
    while(size<1)
    {
      System.out.println("Enter a valid size : ");
      size=sc.nextInt();
    }
    int arr[]=new int[size];
    int arr2[]=new int[size];
    System.out.println("Enter "+size+" elements :");
    for(int i=0;i<size;i++)
    {
      arr[i]=sc.nextInt();
    }
    for(int i=0;i<size;i++)
    {
      flag=0;
      int rev=0;
      int temp=arr[i];
      while(temp>0)
      {
        rev=rev*10+(temp%10);
        temp=temp/10;
        flag++;
      }
      if(rev==arr[i] && flag!=1)
      {
        arr2[k++]=arr[i];
        for(int j=i;j<size-1;j++)
        {
          arr[j]=arr[j+1];
        }
        size--;
```

```
    {
      arr[i]=sc.nextInt();
    }
    for(int i=0;i<size;i++)
    {
      flag=0;
      int rev=0;
      int temp=arr[i];
      while(temp>0)
      {
        rev=rev*10+(temp%10);
        temp=temp/10;
        flag++;
      }
      if(rev==arr[i] && flag!=1)
      {
        arr2[k++]=arr[i];
        for(int j=i;j<size-1;j++)
        {
          arr[j]=arr[j+1];
        }
        size--;
        i--;
      }
    }
    for(int i=0;i<size;i++)
    {
      System.out.print(arr[i]+" ");
    }
    System.out.print("\nPal : ");
    for(int i=0;i<k;i++)
    {
      System.out.print(arr2[i]+" ");
    }
  }
}
```



JAVA_QUIZ_DAY_4

Attempts allowed: 1

This quiz opened at Tuesday, 21 July 2020, 11:30 AM

This quiz will close at Tuesday, 21 July 2020, 6:00 PM

Time limit: 30 mins

SUMMARY OF YOUR PREVIOUS ATTEMPTS

State	Marks / 20.00	Grade / 10.00	Review
Finished Submitted Tuesday, 21 July 2020, 2:35 PM	14.00	7.00	Not permitted