NAME:K.KARTHIKA

ROLL NO:15L124

DEPT:ECE-'A'

**********************JAVA PROGRAMMING*****************************

TASK→3

PROGRAM:

SOURCE CODE:

```java
//TO EVALUATE THE STUDENT DETAILS

import java.io.BufferedReader;

import java.io.InputStreamReader;

import java.io.IOException;

import java.util.*;

public class Check{

  public static void main(String args[]) throws IOException{

    BufferedReader br=new BufferedReader(new InputStreamReader(System.in));

    System.out.println("*************STUDENT DETAILS*****************");

    System.out.println("ENTER THE ROLL NUMBER:");

    String temprollNo=br.readLine();

    String rollNo1=temprollNo.trim();

    String rollNo=rollNo1.replaceAll(" ","");

    int len=rollNo.length();

    int flag=0;

  if(len!=6){

    System.out.println("INVALID ENTRY!!!!");

  }
```

```java
else{

    char section[]={'A','B','C'};

    String dept[]={"CSE","IT","ECE","EEE","MECH","CIVIL","EIE","ETE"};

    String tempstr=rollNo.substring(0,2);

    String str1=Character.toString(rollNo.charAt(3));

    int t=Integer.parseInt(str1);

    int tempvalue=Integer.parseInt(tempstr);


    switch(rollNo.charAt(2))
      {
      case 'p':
      case 'P': System.out.printf("\nDEPARTMENT"+"%15s",dept[0]);

            flag=1;

            break;

      case 'f':
      case 'F': System.out.printf("\nDEPARTMENT"+"%15s",dept[1]);

            flag=1;

            break;

      case 'l':
      case 'L': System.out.printf("\nDEPARTMENT"+"%15s",dept[2]);

            flag=1;

            break;

      case 'e':
      case 'E': System.out.printf("\nDEPARTMENT"+"%15s",dept[3]);

            flag=1;
```

```java
                    break;

          case 'm':

          case 'M': System.out.printf("\nDEPARTMENT"+"%15s",dept[4]);

                    flag=1;

                    break;

          case 'c':

          case 'C': System.out.printf("\nDEPARTMENT"+"%15s",dept[5]);

                    flag=1;

                    break;

          case 'n':

          case 'N': System.out.printf("\nDEPARTMENT"+"%15s",dept[6]);

                    flag=1;

                    break;

          case 't':

          case 'T': System.out.printf("\nDEPARTMENT"+"%15s",dept[7]);

                    flag=1;

                    break;

          default: flag=0;

                    break;

      }

   if(flag!=0){

     if((t==1)||(t==5)){

       System.out.printf("\nSECTION"+"%16s",section[0]);

     }

     else if((t==2)||(t==6)){
```

```java
            System.out.printf("\nSECTION"+"%16s",section[1]);

        }

        else if((t==3)||(t==7)){

            System.out.printf("\nSECTION"+"%16s",section[1]);

        }

        if(t<3){

            String str=Integer.toString(tempvalue+4);

            System.out.printf("\nYEAR OF STARTING"+"%10s",20+tempstr);

            System.out.printf("\nYEAR OF ENDING"+"%12s",20+str);

        }

        else{

            String str2=Integer.toString(tempvalue+1);

            String str=Integer.toString(tempvalue+3);

            System.out.printf("\nYEAR OF STARTING"+"%10s",20+str2);

            System.out.printf("\nYEAR OF ENDING"+"%12s",20+str);

        }

    }

    else{

     System.out.println("INVALID ENTRY!!!!");

    }

    }

}

}
```

OUTPUT:

```
C:\Windows\system32\cmd.exe

C:\Users\students\Desktop>javac Check.java

C:\Users\students\Desktop>java Check
*************STUDENT DETAILS*******************
ENTER THE ROLL NUMBER:
15L124

DEPARTMENT              ECE
SECTION                 A
YEAR OF STARTING        2015
YEAR OF ENDING          2019
C:\Users\students\Desktop>
```

OUTPUT: