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Department:

JAVA PROGRAMMING

ASSIGNMENT:3

PROGRAM:

```
import java.io.BufferedReader;
import java.io.FileReader;
import java.io.IOException;
import java.io.*;
import java.io.FileNotFoundException;
import java.io.InputStreamReader;
public class Students{
    public static void main(String arg[])throws IOException{
        BufferedReader crf=new BufferedReader(new InputStreamReader(System.in));
        System.out.println("enter the rollno");
        String trollNo=crf.readLine();
        String sec[]={ "A", "B", "C" };
        String dep[]={ "ECE", "CSE", "MECH", "ENT", "ETE", "CIVIL" };
        String roll=trollNo.trim();
        String rollNo=roll.replaceAll(" ", "");

        if(rollNo.length()==6){

int flag=0;

switch(rollNo.charAt(2))
{
    case 'T':
case 'L':
        System.out.printf("\nDepartment "+ "%10s",dep[0]);
        flag=1;
        break;
case 'p':
case 'P':

        System.out.printf("\nDepartment "+ "%10s",dep[1]);
        flag=1;
        break;
case 'M':
case 'm':
        System.out.printf("\nDepartment "+ "%10s",dep[2]);
```

```

        flag=1;
        break;
    case 'C':
    case 'c':
        System.out.printf("\nDepartment"+"%10s",dep[5]);
        flag=1;
        break;
    case 'n':
    case 'N':
        System.out.printf("\nDepartment"+"%10s",dep[3]);
        flag=1;
        break;
    case 'T':
    case 't':
        System.out.printf("\nDepartment"+"%8s",dep[4]);
        flag=1;
        break;
    default:
        flag=0;
        break;
    }
    if(flag==1){
switch(rollNo.charAt(3))
    {
        case '1':
        case '5':
            System.out.printf("\nSec"+"%15s",sec[0]);
            break;
        case '2':
        case '6':
            System.out.printf("\nSec"+"%15s",sec[1]);
            break;
        case '3':
        case '7':
            System.out.printf("\nSec"+"%15s",sec[2]);
            break;
    }

    char ch[]=rollNo.toCharArray();
    //System.out.println(ch);

    String temp1=rollNo.substring(0,2);
    int temp=Integer.parseInt(temp1);

    char add1=rollNo.charAt(3);

```

```

int add=Integer.parseInt(Character.toString(add1));
if(add>3){
    String temp2=Integer.toString(temp+1);
    String temp3=Integer.toString(temp+3);
    System.out.printf("\nyear of starting"+"%5s",20+temp2);
    System.out.printf("\nyear of passing"+"%6s",20+temp3);
}
else{
    String temp2=Integer.toString(temp+1);
    String temp3=Integer.toString(temp+4);
    System.out.printf("\nyear of starting"+"%5s",20+temp2);
    System.out.printf("\nyear of passing"+"%6s",20+temp3);
}

}

else{
    System.out.println("invalid index");
}
}
}
}
}

```

OUTPUT:

```

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

C:\Users\students\Desktop>java Students
enter the rollno
1 5 p 156

Department      CSE
Sec              A
year of starting 2016
year of passing  2019
C:\Users\students\Desktop>

```