

**E.B.SUWATHI[15L247]**

**ECE-B**

## **JAVA ASSIGNMENT DAY-3**

**SOURCECODE:**

```
import java.io.BufferedReader;
import java.io.InputStreamReader;
import java.io.IOException;

class Student1{
    public static void main(String[] args) throws IOException{
        BufferedReader ir=new BufferedReader(new InputStreamReader(System.in));
        System.out.println("ENTER THE KCE STUDENT REG.NO");
        int t,y,year1,flag=0;
        char s,check;
        String f,year,section;
        String dept;
        String regNo=ir.readLine();
        regNo=regNo.replaceAll(" ","");
        regNo=regNo.trim();
        t=regNo.length();
        if(t !=6){
            System.out.println(" INVALID REG NO");
        }
        else{
            //DEPT FETCING
            check=regNo.charAt(2);
            if((check == 'L')||(check == 'l')||(check == 'n')||(check == 'N')||(check
            == 'E')||(check == 'e')||(check == 'T')||(check == 't')||(check == 'n')||(check
            == 'N')||(check == 'p')||(check == 'P')||(check == 'f')||(check == 'F')||(check
            == 'm')||(check == 'M'))
            {
                flag=1;
            }
            if(flag==1)
            {
                switch(regNo.charAt(2))
                {
                    case 'L':
                    case 'l':
                        dept="ECE DEPARTMENT";
                        //System.out.println(dept);
```

```

System.out.printf("\n department"+"%35s",dept);
break;
case 'E':
case 'e':
dept="EEE DEPARTMENT";
System.out.println(dept);
break;
case 'N':
case 'n':
dept="ETE DEPARTMENT";
System.out.printf("\n department"+"%35s",dept);
break;
case 'T':
case 't':
dept="EEE DEPARTMENT";
System.out.printf("\n department"+"%35s",dept);
break;
case 'M':
case 'm':
dept="MECHANICAL DEPARTMENT";
System.out.printf("\n department"+"%35s",dept);
break;
case 'C':
case 'c':
dept="CIVIL DEPARTMENT";
System.out.printf("\n department"+"%35s",dept);
break;
case 'p':
case 'P':
dept="CSE DEPARTMENT";
System.out.printf("\n department"+"%35s",dept);
break;
case 'F':
case 'f':
dept="IT DEPARTMENT";
System.out.printf("\n department"+"%35s",dept);
break;
default:
System.out.println("INVALID REGNO");
}

```

```
//SECTION FETCHING
```

```

s=regNo.charAt(3);
if( (s == '1') || (s=='5'))
{

```

```

        section="A ";
        System.out.printf("\n SECTION"+"%25s",section);
        //flag=1;
    }
    else if( (s == '2') || (s=='6'))
    {
        section="B ";
        System.out.printf("\n SECTION"+"%25s",section);
        //flag=1;
    }
    else if( (s == '3') || (s=='7'))
    {
        section="C ";
        System.out.printf("\n SECTION"+"%25s",section);
        //flag=1;
    }

    //academic year
    f=regNo.substring(0,2);
    y=Integer.parseInt(f);
    int a=20;
    year=20+f;
    year1=Integer.parseInt(year);
    System.out.printf("\n YEAR OF ENTRY"+"%21s",year);
    System.out.printf("\n YEAR OF PASSING"+"%19s",year1+4);

}
else
{
    System.out.println("INVALID REGISTER NUMBER");
}
}
}
}
}

```

## OUTPUT:

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL

Microsoft Windows [Version 6.1.7601]
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C:\Users\students\Documents\swathi>javac Student1.java

C:\Users\students\Documents\swathi>java Student1
ENTER THE KCE STUDENT REG.NO
151247

    department          ECE  DEPARTMENT
SECTION                B
YEAR OF ENTRY          2015
YEAR OF PASSING        2019
C:\Users\students\Documents\swathi>java Student1
ENTER THE KCE STUDENT REG.NO
1 5 L2 47

    department          ECE  DEPARTMENT
SECTION                B
YEAR OF ENTRY          2015
YEAR OF PASSING        2019
C:\Users\students\Documents\swathi>java Student1
ENTER THE KCE STUDENT REG.NO
1 6 Q3 8 9
INVALID REGISTER NUMBER

C:\Users\students\Documents\swathi>java Student1
ENTER THE KCE STUDENT REG.NO
13LP847
INVALID REG NO

C:\Users\students\Documents\swathi>
```