

SUBASIS MALLICK
BRANCH-MCA
ROLL NO-404056
REGD NO-2105105051

```
class Biodata
{
    public static void main(String args[])
    {
        System.out.println("name:Subasis Mallick");
        System.out.println("state:Odisha");
        System.out.println("father's name:Ranjit Kumar Mallick");

        System.out.println("roll no:404056");
        System.out.println("dept:CSEA");
        System.out.println("state:Odisha");
    }
}
```

```
Command Prompt
Microsoft Windows [Version 10.0.22621.521]
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C:\Users\small>D:

D:\>cd MyJava

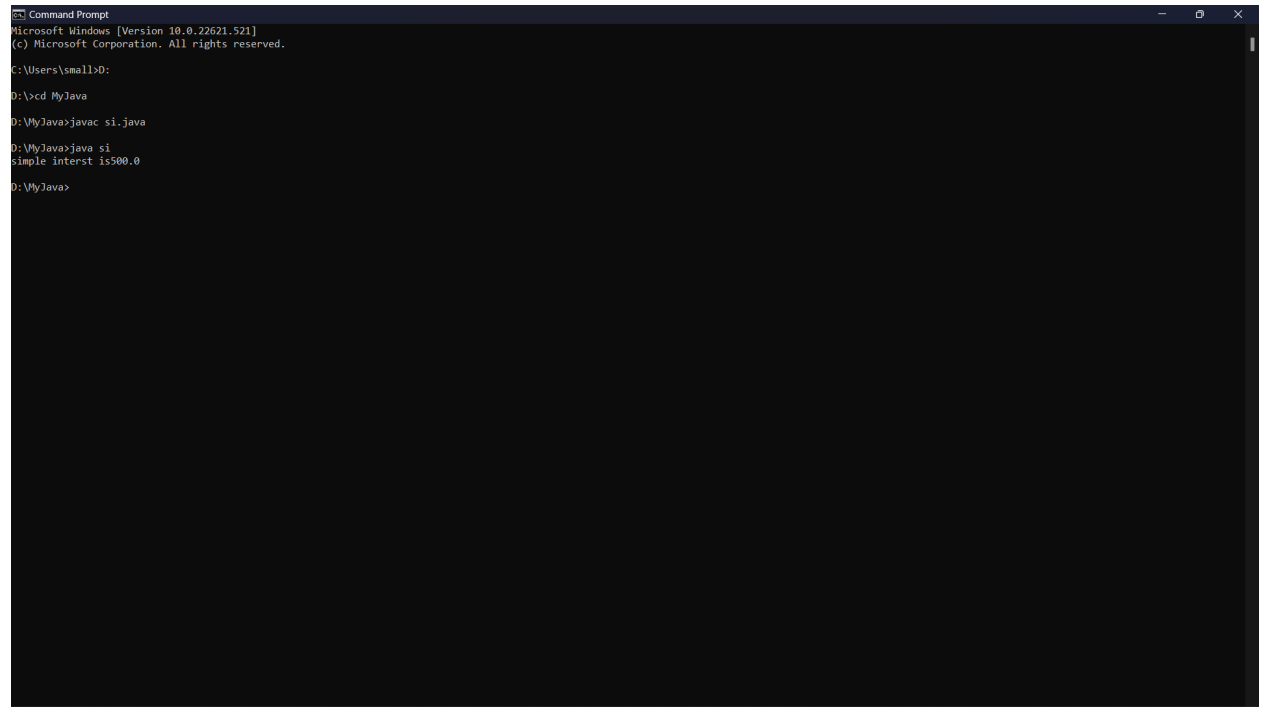
D:\MyJava>javac Biodata.java

D:\MyJava>java Biodata
name:Subasis Mallick
state:Odisha
father's name:Ranjit Kumar Mallick
roll no:404056
dept:CSEA
state:Odisha

D:\MyJava>
```

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```
class si
{
    public static void main(String args[])
    {
        int p=10000,t=1,r=5;
        float s=(p*r*t)/100;
        System.out.println("simple interst is"+s);
    }
}
```

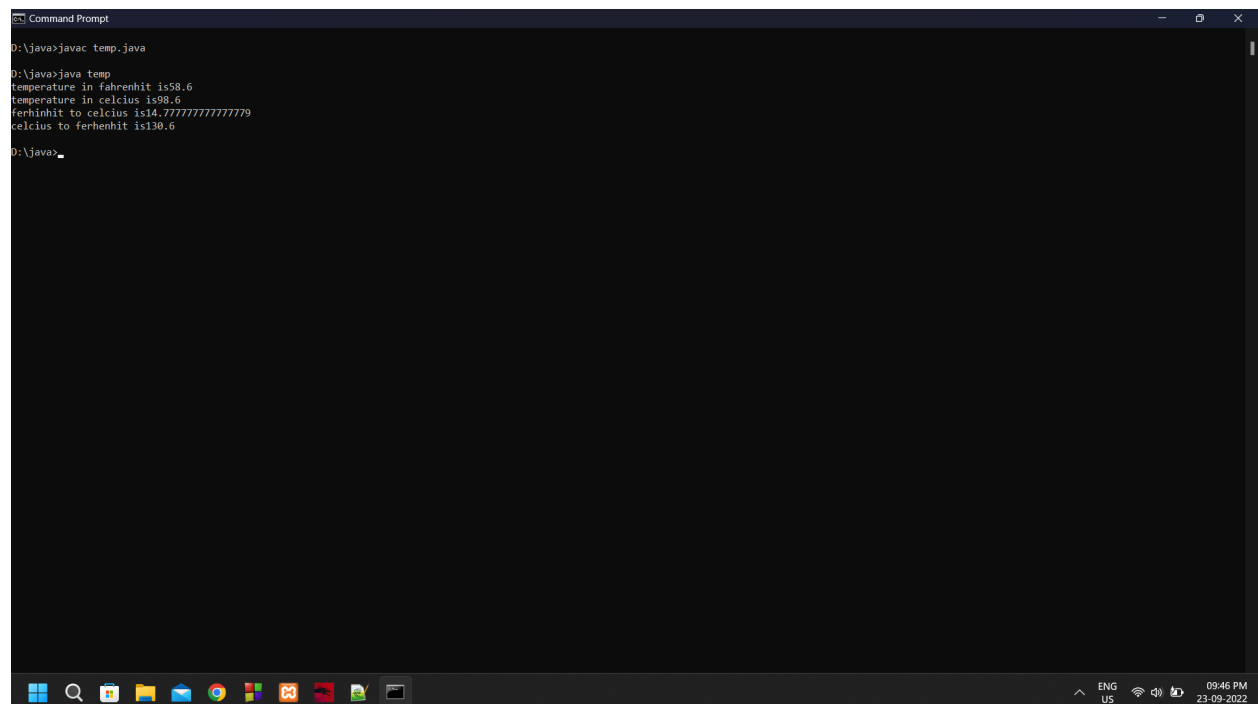


```
Command Prompt
Microsoft Windows [Version 10.0.22621.521]
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C:\Users\small>D:
D:\>cd MyJava
D:\MyJava>javac si.java
D:\MyJava>java si
simple interst is500.0
D:\MyJava>
```

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```
class temp
{
    public static void main(String args[])
    {
        float f=58.6f;
        System.out.println("temperature in fahrenheit is"+f);
        double C=(58.6-32)*5/9;
        float c=98.6f;
        System.out.println("temperature in celcius is"+c);
        double F=(98.6*(9/5))+32;
        System.out.println("ferhinhit to celcius is"+C);
        System.out.println("celcius to ferhenhit is"+F);
    }
}
```



```
Command Prompt
D:\java>javac temp.java
D:\java>java temp
temperature in fahrenheit is58.6
temperature in celcius is98.6
ferhinhit to celcius is14.777777777777779
celcius to ferhenhit is130.6
D:\java>
```

The screenshot shows a Windows Command Prompt window with the following content:

- Window title: Command Prompt
- Command entered: `D:\java>javac temp.java`
- Command entered: `D:\java>java temp`
- Output: `temperature in fahrenheit is58.6`
- Output: `temperature in celcius is98.6`
- Output: `ferhinhit to celcius is14.777777777777779`
- Output: `celcius to ferhenhit is130.6`
- Current prompt: `D:\java>`

The Windows taskbar is visible at the bottom, showing the Start button, search icon, and several application icons. The system tray on the right indicates the language is ENG US, and the time is 09:46 PM on 23-09-2022.

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```
class sum
{
    public static void main(String args[])
    {
        int n=1234,d,r,s=0;
        r=n%10;
        d=n/10;
        s=s+r;

        r=d%10;
        d=d/10;
        s=s+r;

        r=d%10;
        d=d/10;
        s=s+r;

        r=d%10;
        d=d/10;
        s=s+r;

        System.out.println("sum of four digits of a four digit number is"+s);
    }
}
```

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```
Command Prompt
D:\java>javac sum.java
D:\java>java sum
sum of four digits of a four digit number is10
D:\java>
```

```
import java.util.*;
```

```
class value
{
    public static void main(String args[])
    {
        int x,d,r,p;
        Scanner sc=new Scanner(System.in);
        System.out.println("enter a number");
        x=sc.nextInt();
        r=x%10;
        d=x/10;
        p=r*1;
        System.out.println("face value of 1st digit is"+r);
        System.out.println("position value of 1st value is "+p);
        r=d%10;
        d=d/10;
        p=r*10;
        System.out.println("face value of 2nd digit is"+r);
        System.out.println("position value of 2nd value is "+p);
        r=d%10;
        d=d/10;
        p=r*100;
        System.out.println("face value of 3rd digit is"+r);
        System.out.println("position value of 3rd value is "+p);
        r=d%10;
        d=d/1000;
        System.out.println("face value of 4th digit is"+r);
        System.out.println("position value of 4th value is "+p);
    }
}
```

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```
Command Prompt
D:\java>javac value.java
D:\java>java value
enter a number
1234
face value of 1st digit is 4
position value of 1st value is 4
face value of 2nd digit is 3
position value of 2nd value is 30
face value of 3rd digit is 2
position value of 3rd value is 200
face value of 4th digit is 1
position value of 4th value is 200
D:\java>
```

```
import java.util.*;
class sp
{
    public static void main(String args[])
    {
        int x,d,r1,r2,r3,r4,r5;
        Scanner sc=new Scanner(System.in);
        System.out.println("enter a 4 digit number");
        x=sc.nextInt();
        r1=x%10;
        d=x/10;
        r2=d%10;
        d=d/10;
        r3=d%10;
        d=d/10;
        r4=d%10;
        d=d/10;
        r5=(r1*r2)+(r2*r3)+(r3*r4);
        System.out.println("sum of product of a 4 digit number is"+r5);
    }
}
```

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```
Command Prompt
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C:\Users\small>
D:\>cd java
D:\java>javac sp.java
D:\java>java sp
enter a 4 digit number
1234
sum of product of a 4 digit number is20
D:\java>
```

```
port java.util.*;
```

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```
class sump
{
    public static void main(String args[])
    {
        int x,y,d1,d2,r1,r2,r3,r4,R1,R2,R3,R4,s;
        Scanner sc=new Scanner(System.in);
        System.out.println("identifying 1st number");
        System.out.println("enter 1st number");
        x=sc.nextInt();
        r1=x%10;
        d1=x/10;
        r2=d1%10;
        d1=d1/10;
        r3=d1%10;
        d1=d1/10;
        r4=d1%10;
        d1=d1/10;
        System.out.println("identifying 2nd number");
        System.out.println("enter 2nd number");
        y=sc.nextInt();
        R1=y%10;
        d2=y/10;
        R2=d2%10;
        d2=d2/10;
        R3=d2%10;
        d2=d2/10;
        R4=d2%10;
        d2=d2/10;
        s=(R4*r4)+(R3*r3)+(R2*r2)+(R1*r1);
        System.out.println("sum of product od 2 four digit numbers is"+s);
    }
}
```


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```
Command Prompt
D:\java>javac sump.java
D:\java>java sump
identifying 1st number
enter 1st number
1234
identifying 2nd number
enter 2nd number
4567
sum of product od 2 four digit numbers is60
D:\java>
```

```
import java.util.*;
class bw
{
    public static void main(String args[])
    {
        int x,r1,r2,r3,r4,d,s;
        Scanner sc=new Scanner(System.in);
        System.out.println("enter a 4 digit number");
        x=sc.nextInt();
        r1=x%10;
        d=x/10;
        r2=d%10;
        d=d/10;
        r3=d%10;
        d=d/10;
        r4=d%10;
        d=d/10;
        System.out.println("2nd digit of a 4digit number is"+r2);
        System.out.println("4th digit of a 4digit number is"+r4);
        s1=(r2&r4);
        System.out.println("result of bitwise and operator is"+s1);
        s2=(r2|r4);
```

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```
System.out.println("result of bitwise or operator is"+s2);
s3=(r2^r4);
System.out.println("result of bitwise xor operator is"+s3);

}

}

import java.util.*;
class shift
{
    public static void main(String args[])
    {
        int x,r1,r2,r3,r4,m,n,p,d,s;
        Scanner sc=new Scanner(System.in);
        System.out.println("enter a 4 digit number");
        x=sc.nextInt();
        r1=x%10;
        d=x/10;
        r2=d%10;
        d=d/10;
        r3=d%10;
        d=d/10;
        r4=d%10;
        d=d/10;
        s=r1+r2+r3+r4;
        System.out.println("sum of numbers are"+s);
        m=s>>r3;
        n=s<<r3;
        p=s>>>r3;
        System.out.println("leftshift result is"+m);
        System.out.println("right shift result is"+n);
        System.out.println("zero shift result is"+p);
    }
}
```

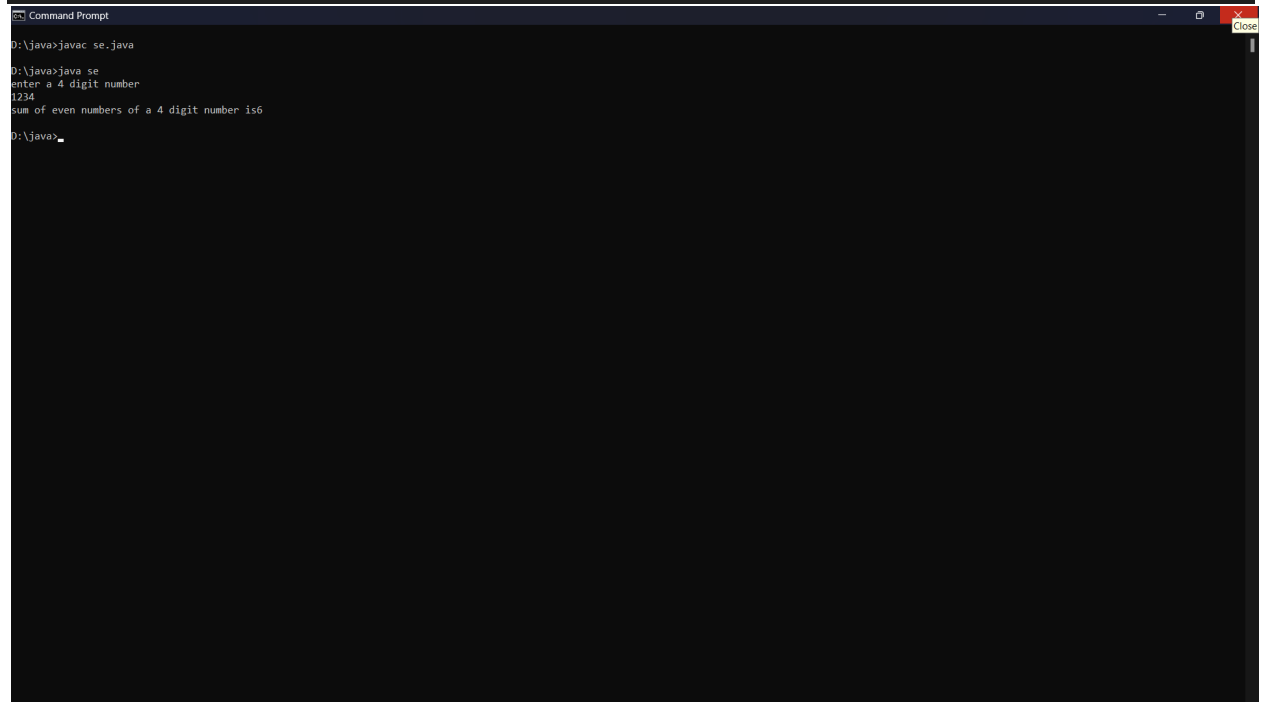
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```
Command Prompt
D:\java>javac shift.java
D:\java>java shift
enter a 4 digit number
1234
sum of numbers are10
leftshift result is2
right shift result is40
zero shift result is2
D:\java>
```

```
import java.util.*;
class se
{
    public static void main(String args[])
    {
        int x,s=0,d,r,p,q,m,n;
        Scanner sc=new Scanner(System.in);
        System.out.println("enter a 4 digit number");
        x=sc.nextInt();
        r=x%10;
        d=x/10;
        p=(r%2==0)?r:0;
        s=s+p;
        r=d%10;
        d=d/10;
        q=(r%2==0)?r:0;
        s=s+q;
        r=d%10;
        d=d/10;
        m=(r%2==0)?r:0;
        s=s+m;
        r=d%10;
```

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```
d=d/10;  
n=(r%2==0)?r:0;  
s=s+n;  
  
System.out.println("sum of even numbers of a 4 digit number is"+s);  
}  
}
```



```
Command Prompt  
D:\java>javac se.java  
D:\java>java se  
enter a 4 digit number  
1234  
sum of even numbers of a 4 digit number is6  
D:\java>
```

```
import java.util.*;  
class so  
{  
public static void main(String args[])  
{  
int x,s=0,p,q,m,n,d,r;  
Scanner sc=new Scanner(System.in);  
System.out.println("enter a4 digit number");  
x=sc.nextInt();  
r=x%10;  
d=x/10;  
p=(r%2!=0)?r:0;
```

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```
s=s+p;
r=d%10;
d=d/10;
q=(r%2!=0)?r:0;
s=s+q;
r=d%10;
d=d/10;
m=(r%2!=0)?r:0;
s=s+m;
r=d%10;
d=d/10;
n=(r%2!=0)?r:0;
s=s+n;
System.out.println("sum of odd numbers of a 4 digit number is"+s);
}
}
```

```
Command Prompt
D:\java>javac so.java
D:\java>java so
enter a 4 digit number
1234
sum of odd numbers of a 4 digit number is4
D:\java>_
```

```
import java.util.*;
class spe
{
    public static void main(String args[])
    {
        int x,r,d,s=0,r1,r2,r3,r4,r5,r6,r7;
```

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```
Scanner sc=new Scanner(System.in);
System.out.println("enter a 4 digit number");
x=sc.nextInt();
r=x%10;
d=x/10;
r1=r;
r=d%10;
d=d/10;
r2=r;
r=d%10;
d=d/10;
r3=r;
r=d%10;
d=d/10;
r4=r;
r5=((r1%2==0)&&(r2%2==0))?r1*r2:0;
s=s+r5;
r6=((r2%2==0)&&(r3%2==0))?r2*r3:0;
s=s+r6;
r7=((r3%2==0)&&(r4%2==0))?r3*r4:0;
s=s+r7;
System.out.println("sum of product of even digit of 4 digit number
is"+s);

}
}
```

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```
Command Prompt
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C:\Users\small\0:
D:\>cd java
D:\java>javac spe.java
D:\java>java spe
enter a 4 digit number
1264
sum of product of even digit of 4 digit number is36
D:\java>
```