

```
package Operation;

public class Arithmetic
{
    public int addition(int a,int b)
    {
        return(a+b);
    }
    public int subtraction(int a,int b)
    {
        return(a-b);
    }
    public int multiply(int a,int b)
    {
        return(a*b);
    }
    public int divide(int a,int b)
    {
        return(a/b);
    }
}
```

```
import Operation.Arithmetic;
import java.util.*;
class PackageMain
{
    public static void main(String Args[])
    {
        int c;
        Scanner ab=new Scanner(System.in);
        Arithmetic a=new Arithmetic();
        System.out.println("Enter the two integers on which the operation is to be performed:");
        int x=ab.nextInt();
        int y=ab.nextInt();
```

```

do
{
System.out.println("Menu\n1:Add\n2:Subtract\n3:Multiply\n4:Divide\n5:Exit\nEnter your choice:");
c=ab.nextInt();
switch(c)
{
case 1:System.out.println("Addition is:"+a.addition(x,y));break;
case 2:System.out.println("Subtraction is:"+a.subtraction(x,y));break;
case 3:System.out.println("Multiplication is:"+a.multiply(x,y));break;
case 4:System.out.println("Division is:"+a.divide(x,y));break;
case 5:return;
}
}while(c!=5);
}
}

```

OUTPUT:

```

D:\Aniket JAVA>javac PackageMain.java
D:\Aniket JAVA>java PackageMain
Enter the two integers on which the operation is to be performed:
27
13
Menu
1:Add
2:Subtract
3:Multiply
4:Divide
5:Exit
Enter your choice:
1
Addition is:40

```

Menu

1:Add

2:Subtract

3:Multiply

4:Divide

5:Exit

Enter your choice:

4

Division is:2

Menu

1:Add

2:Subtract

3:Multiply

4:Divide

5:Exit

Enter your choice:

2

Subtraction is:14

Menu

1:Add

2:Subtract

3:Multiply

4:Divide

5:Exit

Enter your choice:

3

Multiplication is:351

Menu

1:Add

2:Subtract

3:Multiply

4:Divide

5:Exit

Enter your choice:

5