

Q1

```
package com.cdac;

public class ArithmeticWideningDT {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        int a=45,b=54;
        double d=a+b;
        float f=a+b;
        System.out.println("In Double : "+d);
        System.out.println("In Float : "+f);

    }

}
```

Q2

```
package com.cdac;

public class NarrowingID {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        double d=45.54;
        int i=(int)d;
        System.out.println(" double to Int :"+i);

    }

}
```

Q3

```
package com.cdac;

public class WideningAllDT {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        int i=45;
        float f=i;
        double d = i;
```

```
boolean b = (i!=0);
String s=Integer.toString(i);

System.out.println(" Int to float  :"+f);
System.out.println(" Int to double  :"+d);
System.out.println(" Int to boolean  :"+b);
System.out.println(" Int to String  :"+s);
```

```
}
```

```
}
```

Q4

```
package com.cdac;
```

```
public class WideningDI {
```

```
    public static void main(String[] args) {
        // TODO Auto-generated method stub
```

```
        int i=45;
        double d=i;
        System.out.println("Int to double :"+d);
```

```
    }
```

```
}
```