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// 1) Write a program that demonstrates widening conversion from int to double and prints the result.

```
/*  
class Q1{  
  
public static void main(String args[])  
{  
    int a=5;  
    double b=(double)a; //typecasting  
    System.out.println(b);  
  
}  
} */
```

//2) Create a program that demonstrates narrowing conversion from double to int and prints the result.

```
/*  
public class Q2 {  
    public static void main(String args [])  
    {  
        double num1 = 12.345d;  
        int num2 = (int)num1; //typecasting double as int  
        System.out.println(num2);  
  
    } */
```

//3) Write a program that performs arithmetic operations involving different data types (int, double, float) and observes how Java handles widening conversions automatically.

```
/*  
  
public class Q3 {  
    public static void main(String args[])  
    {  
        int a=10;  
        float b=20.0f;  
        double c=30.00d;  
        double sum= a+b+c;  
        System.out.println(sum);  
  
        // o/p --> 60.0  
  
    }  
}
```

```
}
```

```
*/
```

//4) Write a Program that demonstrates widening conversion from int to (double,float, boolean, string) and prints the result.

```
/*
```

```
public class Q4 {  
    public static void main(String args[]){  
        int i=5;  
        double d=(double)i;  
        float f=(float)i;  
        String str=Integer.toString(i);  
        System.out.println(d+" "+f+" "+str);
```

```
}
```

```
}
```

```
*/
```