

Assignment -1

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- Write a program in Java to make explicit type casting from float to int.

```
package javaapplication7;
```

```
import java.util.Scanner;
```

```
public class JavaApplication7 {
```

```
    public static void main(String[] args) {  
        Scanner sn = new Scanner(System.in);  
        float floatNum;  
        System.out.print("Please enter a float value: ");  
        floatNum = sn.nextFloat();  
        System.out.println("The original float value is: "+floatNum);  
        int i= (int) floatNum;  
        System.out.println("The value after casting to integer: "+i);  
    }  
}
```

- Which of the following are reserved keywords

- a. new, delete (new is a function)
- b. goto, constant (constant is not a keyword)
- c. break, continue, return, exit (exit is a function)
- d. final, finally, finalize (finalize is a function)
- e. throw, throws, thrown (thrown is a function and also not present in java)
- f. notify, notifyAll (both are functions)
- g. implements, extends, imports (imports not present in java)
- h. sizeof, instanceof (sizeof is a function)
- i. byte, short, Int (Int not available in java, if it was int then this option can be true)
- j. instanceof, strictfp (instanceOf is invalid because of capital o)
- k. None of the above

- Which of the following are reserved keywords

- a. public
- b. static
- c. void
- d. main
- e. String
- f. args

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- Which of the following signatures for main method is correct
 - a. public static void main(String args)
 - b. public static void Main(String[] args)
 - c. public void main(String[] args)
 - d. public static int main(String[] args)
 - e. final static void main(String[] args)
 - f. public static void main(String... arg)
 - g. final synchronized strictfp public void main(String[] args)
 - h. static public final synchronized strictfp void main(String... args)
- Which of the following char literal is correct
 - a. char ch=a;
 - b. char ch='ab';
 - c. char ch=65536;
 - d. char ch=\uface;
 - e. char ch='/n';
 - f. none of the above.
- Which of the following Boolean declarations is valid
 - a. boolean b = true;
 - b. boolean b = True;
 - c. boolean b = "true";
 - d. boolean b = 0