For each of these Questions, show the output

**Question 1**

class increment {

public static void main(String[] args)

{

int g = 3;

System.out.print(++g \* 8);

}

}

**Question 2**

1. class variable\_scope
2. {
3. public static void main(String args[])
4. {
5. int x;
6. x = 5;
7. {
8. int y = 6;
9. System.out.print(x + " " + y);
10. }
11. System.out.println(x + " " + y);
12. }
13. }

**Question 3**

1. class box
2. {
3. int width;
4. int height;
5. int length;
6. }
7. class main
8. {
9. public static void main(String args[])
10. {
11. box obj = new box();
12. obj.width = 10;
13. obj.height = 2;
14. obj.length = 10;
15. int y = obj.width \* obj.height \* obj.length;
16. System.out.print(y);
17. }
18. }

**Question 4**

1. class String\_demo
2. {
3. public static void main(String args[])
4. {
5. char chars[] = {'a', 'b', 'c'};
6. String s = new String(chars);
7. System.out.println(s);
8. }
9. }

**Question 5**

1. class Output
2. {
3. public static void main(String args[])
4. {
5. double x = 2.0;
6. double y = 3.0;
7. double z = Math.pow( x, y );
8. System.out.print(z);
9. }
10. }

**Question 6**

1. class overload
2. {
3. int x;
4. double y;
5. void add(int a , int b)
6. {
7. x = a + b;
8. }
9. void add(double c , double d)
10. {
11. y = c + d;
12. }
13. overload()
14. {
15. this.x = 0;
16. this.y = 0;
17. }
18. }
19. class Overload\_methods
20. {
21. public static void main(String args[])
22. {
23. overload obj = new overload();
24. int a = 2;
25. double b = 3.2;
26. obj.add(a, a);
27. obj.add(b, b);
28. System.out.println(obj.x + " " + obj.y);
29. }
30. }

**Question 7**

public class CppBuzz {

public static void main(String[] args){

int a = 5+5\*2+2\*2+(2\*3);

System.out.println(a);

}

}

**Question 8**

public class CppBuzz {

public static void main(String[] args){

int a = 10;

System.out.println(a\*a--);

}

}

**Question 9**

public class CppBuzz {

public static void main(String[] args){

for(int i = 0; i<5; i+=2)

{

System.out.println("Hello");

i+=2;

}

}

}

**Question 10**

public class CppBuzz {

public static void main(String[] args){

for(int i = 0; i<5; i++)

{

System.out.println("Hello");

i++;

i--;

}

}

}

**Question 11**

public class CppBuzz {

public static void main(String[] args){

for(int i = 0; i<5; i++)

{

System.out.println("Hello");

break;

}

}

}

**Question 12**

1. class A
2. {
3. int i;
4. void display()
5. {
6. System.out.println(i);
7. }
8. }
9. class B extends A
10. {
11. int j;
12. void display()
13. {
14. System.out.println(j);
15. }
16. }
17. class inheritance\_demo
18. {
19. public static void main(String args[])
20. {
21. B obj = new B();
22. obj.i=1;
23. obj.j=2;
24. obj.display();
25. }
26. }

**Question 13**

1. class A
2. {
3. public int i;
4. public int j;
5. A()
6. {
7. i = 1;
8. j = 2;
9. }
10. }
11. class B extends A
12. {
13. int a;
14. B()
15. {
16. super();
17. }
18. }
19. class super\_use
20. {
21. public static void main(String args[])
22. {
23. B obj = new B();
24. System.out.println(obj.i + " " + obj.j)
25. }
26. }