Programing Errors

**Q1\_Over all code is correct .**

**public class HelloWorld {**

**public HelloWorld() {**

**}**

**public static void main(String [] args){**

**int a=15;**

**if (a==15){**

**System.out.println("dsds");**

**}**

**}**

**}**

**Q2\_Runtime Error.**

**public class HelloWorld {**

**public static void main(String [] args){**

**System.out.println(100/0);//Run time Error**

**}**

**}**

**Q2\_correct version.**

**public class HelloWorld {**

**public static void main(String [] args){**

**System.out.println(100/1);//Divide anything else then 0.**

**}**

**}**

**Q3\_This code will print 1.**

**public class HelloWorld {**

**public static void main(String [] args){**

**System.out.println(100/100);**

**}**

**}**

**Q4\_Syntex Error because a is not initialized.**

**public class HelloWorld {**

**public static void main(String [] args){**

**int a,b=15; // a is not initialized.**

**int a=15; //we can initialized a in this way.**

**System.out.println(a+" "+b);**

**}**

**}**

**Q4\_Correct version.**

**public class HelloWorld {**

**public static void main(String [] args){**

**int a=15; //we can initialized a in this way.**

**System.out.println(a+" "+b);**

**}**

**}**

**Q5\_Syntex error error because c is not initialized.**

**public class HelloWorld {**

**public static void main(String [] args){**

**int a=16,b=15;**

**c=a+b; // c is not initialized.**

**Int c=a+b; // we can initialized c in this way.**

**System.out.println(c);**

**}**

**}**

**Q5\_Correct version.**

**public class HelloWorld {**

**public static void main(String [] args){**

**int a=16,b=15;**

**Int c=a+b; // we can initialized c in this way.**

**System.out.println(c);**

**}**

**}**