Computer Science I – Prepa Tec Campus Eugenio Garza Lagüera

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student id: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Section 1: Evaluate each of the expressions. Write everything that is printed to the console on the Output column.**

|  |  |
| --- | --- |
| **Java Code** | **Output** |
| System.out.println(0 > 7); |  |
| boolean myBoolean = false;  int a = 5;  int b = 7;  System.out.println(a < b);  System.out.println(myBoolean == false); |  |
| boolean myBool1 = true;  System.out.println(!myBool1); |  |
| boolean myBool1 = true;  boolean myBool2 = false;  System.out.println(myBool1 && myBool2);  System.out.println(myBool1 || myBool2); |  |
| int a = 5;  int b = 7;  boolean myBool1 = true;  boolean myBool2 = false;  System.out.println((a > b) && !myBool1); |  |
| boolean isHappy = false;  System.out.println( !isHappy ); |  |
| int x = 12;  boolean output = !(x % 2 < 1);  System.out.println(output); |  |
| int num1 = 5;  int num2 = 10;  boolean isGt = num1 > num2;  System.out.println( isGt ); |  |

|  |  |
| --- | --- |
| int x = 12;  int y = 7;  int z = 28;  boolean answer = x < y || x < z;  System.out.println(answer); |  |
| String s = "mid term";  boolean a = s.toUpperCase().equals("MID TERM");  System.out.println(a); |  |
| int x = 12;  int y = 7;  int z = 28;  boolean a = s.substring(z / x).length() > y;  System.out.println(a); |  |
| String s1 = "hello";  char c1 = s1.charAt(s1.length()-1);  if (c1 == 'h'){  System.out.println("Reading first char");  } else {  System.out.println("Reading last char");  } |  |
| String allNumbers = "0123456789";  int len = allNumbers.length();  if (len >= 10){  System.out.println(  } |  |
| String movie = "TENET";  String s1 = movie.substring(2, movie.length());  System.out.println(s1);  String s2 = movie.substring(0,3);  System.out.println(s2);  String s3 = movie.substring(1,4);  System.out.println(movie.charAt(0) +  s3 +  movie.charAt(movie.length()-1)); |  |