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Comp Science 20

CRT Chapter 4

1. 1. if (grade >= 90)

{

System.out.println(“Great job!”);

}

* 1. if (number <20 && number >50)

{

System.out.println(“Error”);

}

* 1. if (y <100)

{

int newnum = y + 2;

}

1. if (num 1 > num 2)

{

System.out.println (“First number is larger”);

}

If (num 2 > num 1)

{

System.out.println(“Second number is larger”);

}

If (num 1 == num 2)

{

System.out.println(“Numbers are equal”);

}

1. 1. Even, odd
   2. Int uhh = num % 2

switch (uhh)

{

case 0: System.out.println(“even number”);

case 1: System.out.println(“odd number”);

}

1. 1. **int** number = (**int**) ((50)\* Math.*random*() + 1);
   2. **int** number = (**int**) ((81)\* Math.*random*() + 20);
   3. **double** number = ((11)\* Math.*random*() + 10);
2. The logic error is that there’s no message for if a person is 18 or 65. There should be a (age>=18 && age <= 65) for adult in order to include these two within a category.
3. 1. true
   2. false
   3. true
   4. true
   5. true
   6. true
   7. true