Aerospace Engineers

6.1- 72,170.00

6.2- A bachelor’s degree, although many have a master’s degree.

6.3- Use Computer Aided Design. Design components for aircraft, spacecraft, and weapons

6.4- General Dynamics Mission Systems and Orbital ATK

7.1- int[] nums = {1,2,3,4,5,6,7,8,9} ;

7.2 int length = nums.length;

7.3- nums[2] = 30;

7.4- an array is a list of a certain type of variable. The length of the array cannot be changed once the array is declared. An arraylist allows the length of the array to be changed during runtime.

7.5- public static Boolean check() {

String[] arr;

String value;

Return Arrays.asList(arr).contains(targetValue);

}

7.6- for (int i = 0; i<11&&i>0; i ++) {

Int a;

String[] str = 10;

String[a] = i;

a++

}

7.7 String myString = “this is my string”;

7.8 System.out.println(myString + “ and strings are cool.”);

7.9- char count = myString.charAt(length());

7.10- myString = myString.replace(“g”, “”);

8.1 Spaceship[] myShips = new Spaceship[10];

8.2 Spaceship myShip = new Spaceship();

myShip.shoot();

8.3 public class Spaceship() {

Private int sLength;

Public Spaceship(int tempslength) {

Tempslength = sLength;

}

}

8.3 (2) – public Spaceship() {

Int maxspeed = 10;

Spaceship.setColor();

}

8.4- public void getShipArea(int length, int height) {

Int i = length\*height;

Return i;

}

8.5- Public means that the class or method can be referred to outside of the class itself. Private means that the variable, class or method can only be referenced within the class, not outside of it. They are used in programming to allow for inheritance.

9.1- PrintWriter myTextFile = new PrintWriter(“myTextFile.txt”, “UTF-8”);

myTextFile.close();

9.2 myTextFile.open();

myTextFile.println(“more text”);

9.3 PrintWriter myTextFile = new PrintWriter(System.out);

myTextFile.println(“more text”);

myTextFile.close();