Given a Java int array containing the following values:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | 37 | 13 | 57 | 21 | -3 | 22 | -5 |

What is the order of the values following the first pass of the selection sort:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| -5 | 37 | 13 | 57 | 21 | -3 | 22 | 22 |

What is the order of the values following the second pass of the selection sort:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| -5 | -3 | 13 | 57 | 21 | 37 | 22 | 22 |

What is the order of the values following the third pass of the selection sort:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| -5 | -3 | 13 | 57 | 21 | 37 | 22 | 22 |

What is the order of the values following the fourth pass of the selection sort:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| -5 | -3 | 13 | 21 | 57 | 37 | 22 | 22 |

Assuming that we wish to represent a telephone as a software object:

Public Class Telephone {

**List 5 characteristics that represent its state (attributes).**

boolean hookStatus = false;

int phoneNumber = 5208675309;

int numberToDial = 0;

boolean voicemailInbox = false;

boolean ringStatus = false;

**List 5 characteristics that represent its behavior (methods).**

public static void answerPhone(){ hookStatus = True; }

public static void dialPhoneNumber(){numberToDial = 5208675309; hookStatus = True; }

public static void receiveVoicemail(){string this.message = “this is your message”; voicemailInbox = True;}

public static void receivePhoneCall(){if (phoneNumber == 5208675309){ringStatus = true; ringStatus = false; ringStatus = true; ringStatus = false; ringStatus = true; receiveVoicemail()}}

public static void getVoicemail(){if (voicemailInbox == true){return telephone.message;}}