**OBJECT ORIENTED PROGRAMMING**

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BSCS-NS-2A October 21, 2022

**Instructions:**

· Any online resource may be used (netbeans, codechum, etc)

· Utilize System.out.println

· For the output, copy the source code, paste it, take a screenshot of the result, and then send it or upload it to MS Team's Assignment Ta

1.Write a program that prompts the user for a shape (either a square, diamond, circle, or triangle) and draws the chosen shape to the screen, using the character ‘x’, such as:

|  |  |
| --- | --- |
| **SOURCE CODE** | **OUTPUT** |
| Chart  Description automatically generated | Graphical user interface, application  Description automatically generated |

2.Write a program that prompts the user for your Initial (Jayson D Santos - JDS and using the character ‘S).

|  |  |
| --- | --- |
| **SOURCE CODE** | **OUTPUT** |
|  |  |

3. Write a program that produces the following output:

"\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*"

\* Programming Assignment 1 \*

\* Object Oriented Programming \*

\* Author: DS Malik \*

\* Due Date: Thursday, Oct 20 \*

"\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*" \* \*

|  |  |
| --- | --- |
| **SOURCE CODE** | **OUTPUT** |
|  |  |

4. Write a program that prints the following pattern:

\*

\* \*

\* \* \*

|  |  |
| --- | --- |
| **SOURCE CODE** | **OUTPUT** |
|  |  |

5. Write a program that prints the following banner

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*WELCOME\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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|  |  |
| --- | --- |
| **SOURCE CODE** | **OUTPUT** |
|  |  |