**Screen shots of all the outputs and their running codes:**

**Problem #1**

**A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated**

**Problem #2**

**A screenshot of a computer

Description automatically generatedA screenshot of a computer program

Description automatically generatedA screenshot of a computer program

Description automatically generated**

**Problem #3**

**A screen shot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generatedA screenshot of a computer program

Description automatically generated**