SPACE INVADERS

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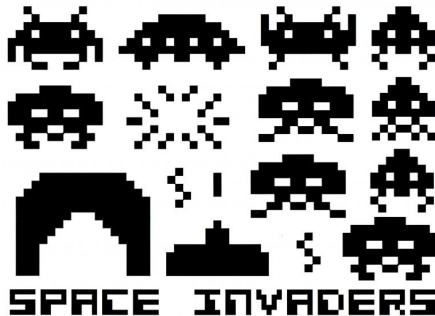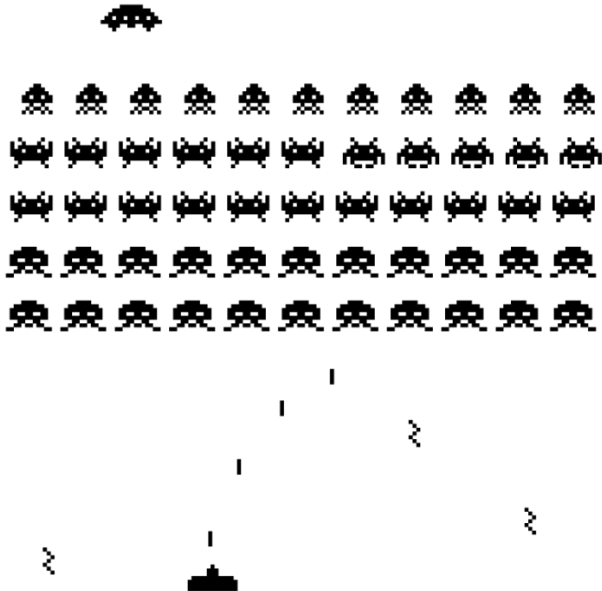Bangladesh University of Engineering and Technology

What is Space Invaders?

Figure: Space Invaders Poster

A classic arcade game

Released in 1978

The game screen looks like this:

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Enemies:

Figure: Basic Enemies

From Left:

Small Invaders

Large Invader

Medium Invader

The UFO/Mothership

List of things to use:
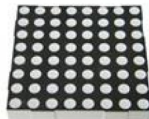

Figure: Sonar Sensor

Figure: Dot Matrix

Figure: Seven Segment
Display

Figure: Flex Sensor

1. LED/Dot Matrix — For the game display
2. 2 Flex Sensors — To shoot using player and star/stop game
3. 2 sonar sensors — To move the player left-right direction
4. 7-segment display — To show score

Features
1. Two player game option
2. Single player
3. Multiple levels
4. Bicolor matrix

Thank You!