

SPACE INVADERS

Nurul Muttakin [1305009]
S. Mahmudul Hasan (Numan) [1305043]

Bangladesh University of Engineering and Technology

April 5, 2017

What is Space Invaders?

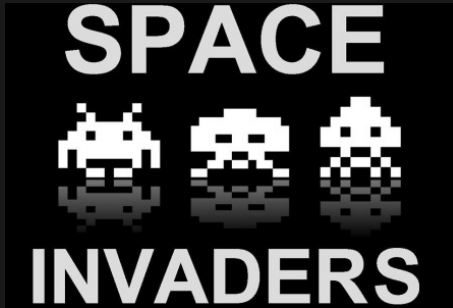


Figure: Space Invaders Poster

A classic arcade game

Released in 1978

The game screen looks like this:

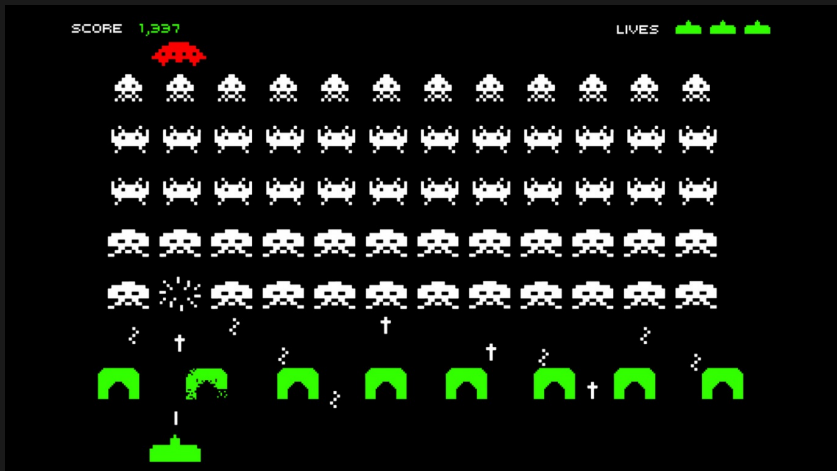


Figure: Space Invaders's game screen

Enemies:

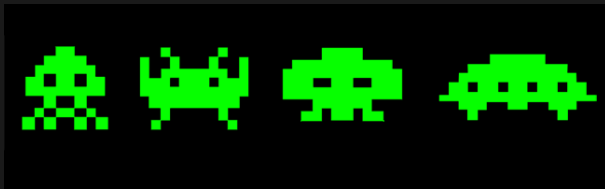


Figure: Basic Enemies

From Left:

Large Invader

Medium Invader

Small Invader

The UFO/Mothership

List of things to use:



Figure: Sonar Sensor



Figure: Dot Matrix

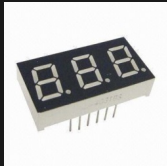


Figure: Seven Segment
Display



Figure: Push Button

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

Thank You!