

The background of the slide is a faded aerial photograph of a city street grid. Overlaid on this is a semi-transparent grid of colored rectangles in shades of purple, blue, and yellow. The text 'Project 2' is centered in the upper half of the slide.

Project 2

Plan

Development steps

- 1) Create a new eclipse project just for this
- 2) **Carefully** review the requirements – ask any questions early
Play the game provided
- 3) Play the game in your head
What are the inputs
What are the outputs
What happens each step along the way
- 4) Create a **FLOW Diagram**
This will save time in the long run
- 5) Test each of the new concepts – write a little program for each
Random number generation – already used in program 8
Keyboard hit
Cursor control in an external window
- 6) Convert the steps in your flow diagram to functions
Test each function – this is easier than testing them in the whole program
- 7) Start pulling functions into main
One at a time. e.g. draw field, place human, move human, ...
- 8) Test and debug your full program

Major elements

These may represent multiple functions

Splash

Field Setup

Human and Zombie Setup

Move Human

Move Zombie

} These are different

Display the current state

Check for Win

Display Win

Main Flow

