

# Durham Johnston Programming Competition Winners 2024

Mr O'Connor

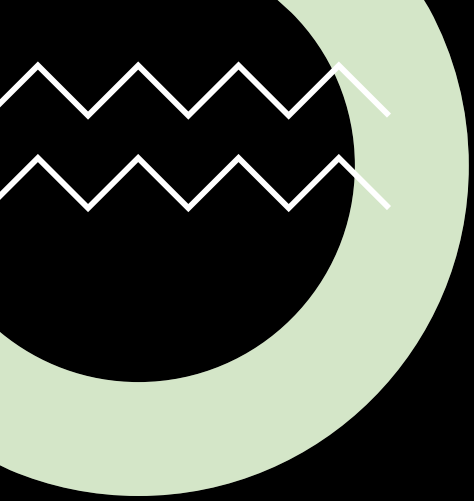
```
object to mirror  
mirror_mod.mirror_object  
operation == "MIRROR_X":  
mirror_mod.use_x = True  
mirror_mod.use_y = False  
mirror_mod.use_z = False  
operation == "MIRROR_Y":  
mirror_mod.use_x = False  
mirror_mod.use_y = True  
mirror_mod.use_z = False  
operation == "MIRROR_Z":  
mirror_mod.use_x = False  
mirror_mod.use_y = False  
mirror_mod.use_z = True
```

```
selection at the end -add  
mirror_ob.select= 1  
modifier_ob.select=1  
context.scene.objects.active  
("Selected" + str(modifier  
mirror_ob.select = 0  
bpy.context.selected_obj  
data.objects[one.name].sel  
print("please select exact)  
OPERATOR CLASSES -----
```

```
types.Operator):  
X mirror to the  
object.mirror_mirr  
mirror X"
```

```
context):  
context.active_object is no
```





# The Winners



- This has been one of the most difficult years as we have so many talented programmers!
- Places were decided on a **combination** of coding ability, design, and relevance to the DJ uniform theme
- And the winners are...



# Congratulations to...

MAX  
8UA

EDWARD  
8SH

BEN  
8JW

OSCAR &  
LEWIS  
8MK

SALAAR  
7JW

KRISHNA  
7CW

SECOND  
PLACE  
**30 HP**

FIRST  
PLACE  
**50 HP**

THIRD  
PLACE  
**15 HP**

CREATIVITY  
AWARD  
**5 HP each**

PYTHON  
AWARD  
**10 HP**

DIFFICULTY  
AWARD  
**10 HP**

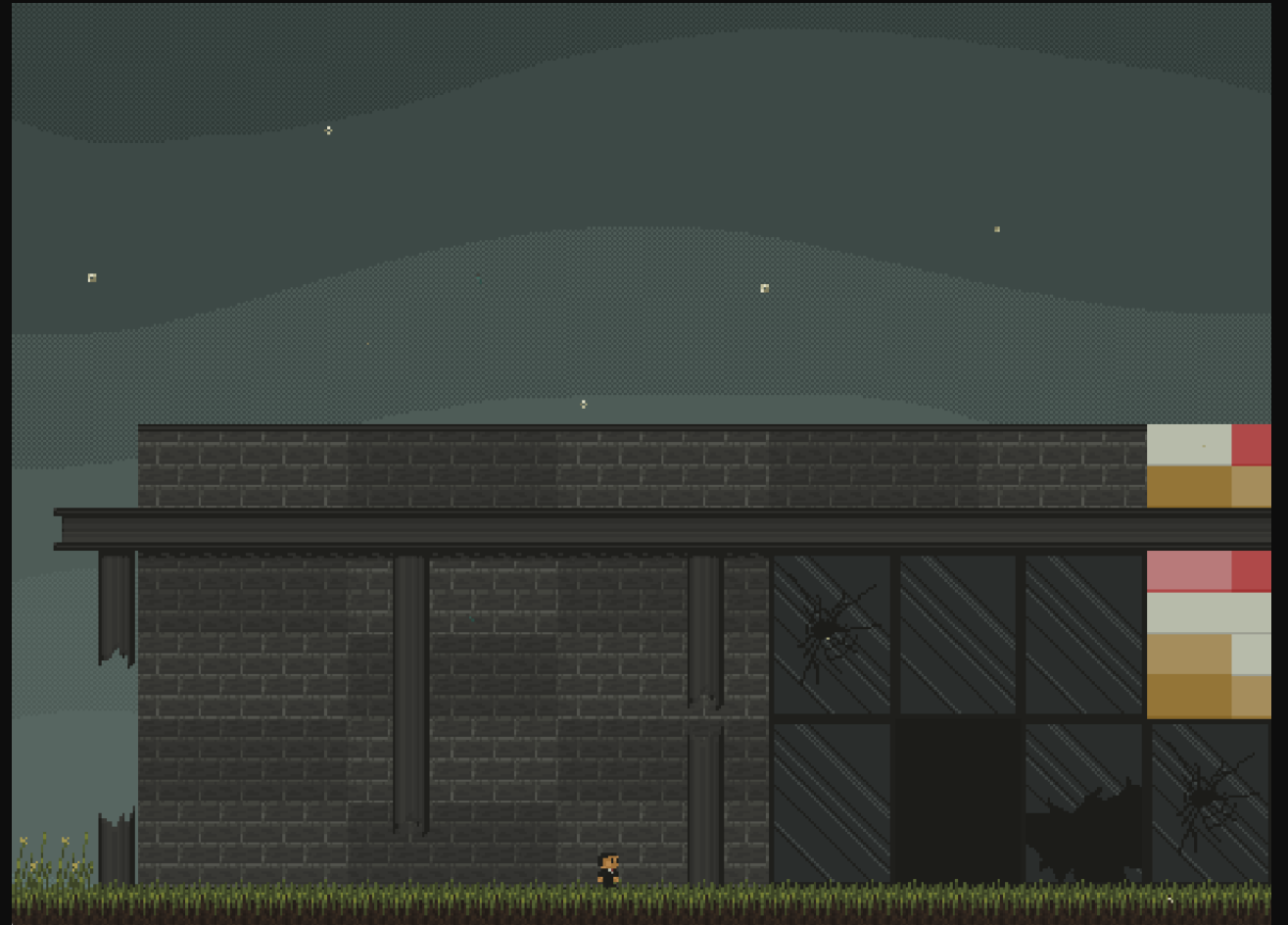
# MAX In Ruins

A fantastic story-driven game, set in the ruins of Durham Johnston Comprehensive School

Will you figure out what happened to all the students and teachers?

[Link: In Ruins v1.1.20.16 - TurboWarp](https://turbowarp.org/984015069)

turbowarp.org/984015069



# EDWARD

## Uniform Platformer

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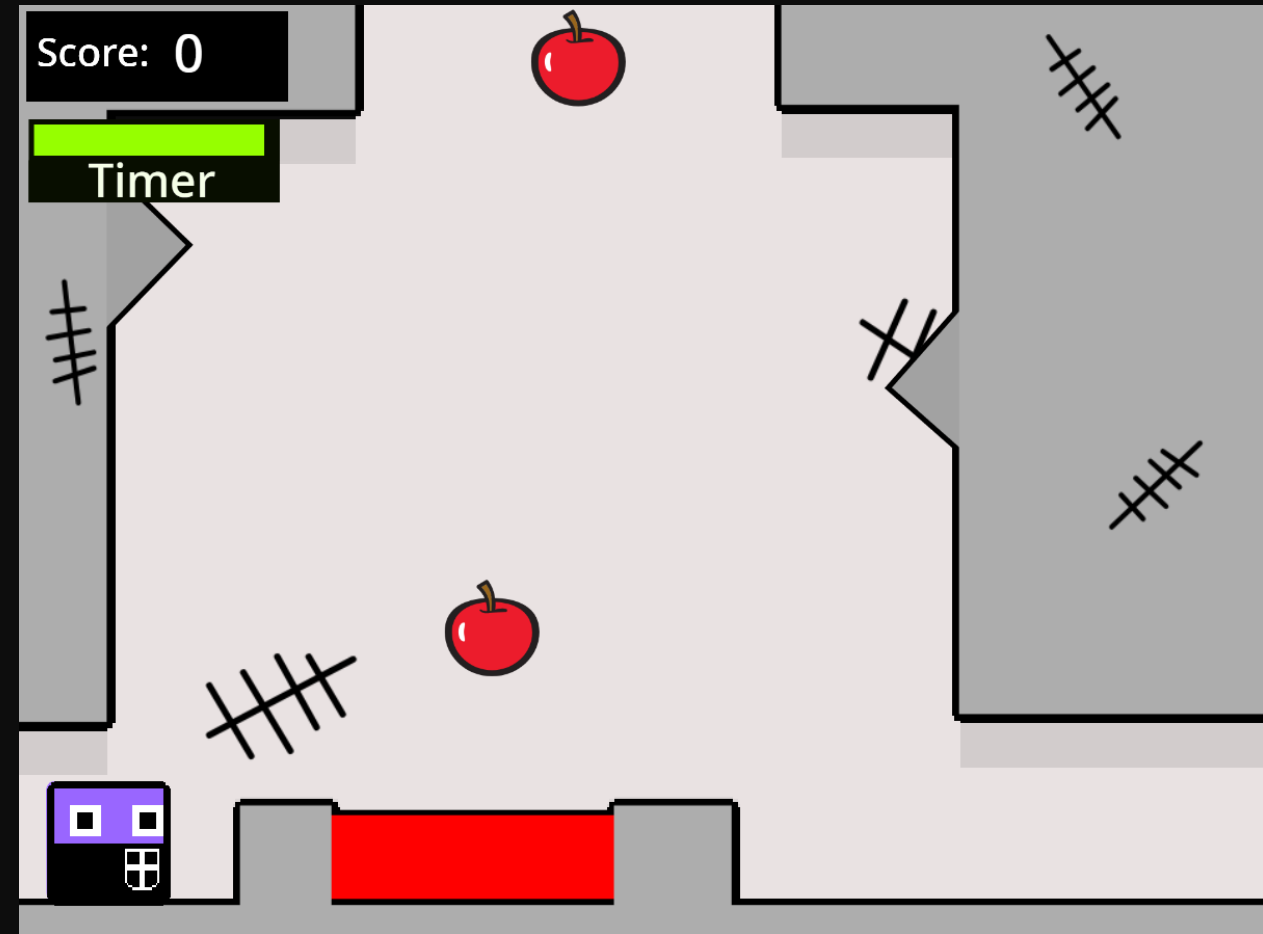
An excellent platformer game where you need to find all 4 parts of the Durham Johnston badge

Maybe there is a secret at the start of the level...

[Link: Uniform platformer MOBILE FRIENDLY – TurboWarp](http://turbowarp.org/1020640659)

turbowarp.org/1020640659

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# BEN

## DJ Diving Mission

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An expertly designed maze game to find the DJ uniform in the depths of the sea

How quick can you find all the missing pieces?

[Ben project](#)

[turbowarp.org/1033646841](http://turbowarp.org/1033646841)

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# Honourable Mentions

## OSCAR & LEWIS ZOMBIE SCHOOL



Excellent Map Design

## SALAAAR (AVAILABLE ON REQUEST)

```
import random
import time
class Character:
    def __init__(self, name, health, attack):
        self.name = name
        self.health = health
        self.attack = attack |
    def take_damage(self, damage):
        self.health -= damage
    def is_alive(self):
        return self.health > 0
class Player(Character):
    def __init__(self):
        super().__init__("GoodBlood", 100, 25)
class Boss(Character):
    def __init__(self):
        super().__init__("BadBlood", 500, 0)
class Classroom:
    def __init__(self, name, objective):
        self.name = name
        self.objective = objective
class Hallway:
    def __init__(self, name, classrooms):
        self.name = name
        self.classrooms = classrooms
```

Good use of Object-Oriented  
Programming

## KRISHNA

## GOING TO DJCS!



Most impossible level ever (level 8)