Lecture

Access Class Attributes

Access Class Attributes

1

```
class Enemy:

    init_num_lives = 5

    def __init__(self, x_coord, y_coord, speed):
        self.x_coord = x_coord
        self.y_coord = y_coord
        self.speed = speed
```

Access Class Attributes

1

```
class Enemy:

    init_num_lives = 5

    def __init__(self, x_coord, y_coord, speed):
        self.x_coord = x_coord
        self.y_coord = y_coord
        self.speed = speed
```

2

Instance

Access Class Attributes

1

```
class Enemy:

    init_num_lives = 5

    def __init__(self, x_coord, y_coord, speed):
        self.x_coord = x_coord
        self.y_coord = y_coord
        self.speed = speed
```

2

Instance

3

Value?

Access Class Attributes

1

```
class Enemy:

    init_num_lives = 5

    def __init__(self, x_coord, y_coord, speed):
        self.x_coord = x_coord
        self.y_coord = y_coord
        self.speed = speed
```

2  Instance

3 Value?

Access Class Attributes

```
<class_name>.<class_attribute>
```

Access Class Attributes

```
<class_name>.<class_attribute>
```

Access Class Attributes

Access Class Attributes

```
<class_name>.<class_attribute>
```

Access Class Attributes

```
class Enemy:

    init_num_lives = 5

    def __init__(self, x_coord, y_coord, speed):
        self.x_coord = x_coord
        self.y_coord = y_coord
        self.speed = speed
```

```
Enemy.init_num_lives
```

Access Class Attributes

```
class Enemy:

    init_num_lives = 5

    def __init__(self, x_coord, y_coord, speed):
        self.x_coord = x_coord
        self.y_coord = y_coord
        self.speed = speed
```

```
Enemy.init_num_lives
```

Access Class Attributes

```
class Enemy:

    init_num_lives = 5

    def __init__(self, x_coord, y_coord, speed):
        self.x_coord = x_coord
        self.y_coord = y_coord
        self.speed = speed
```

```
Enemy.init_num_lives
```

Access Class Attributes

Outside the class

```
<class_name>.<class_attribute>
```

Access Class Attributes

Inside the class

```
<class_name>.<class_attribute>
```

Now… An Example