



資料來源：
HarvardX CS50x(2022), *CS50's Introduction to
Computer Science*, 取自edX網站
<https://cdn.cs50.net/2021/fall/lectures/1/lecture1.pdf>



```
while (true)
{
}

```

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```
while (true)
{
  print("meow\n");
}
```

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```
int counter = 0;  
while (counter < 3)  
{  
  
}
```

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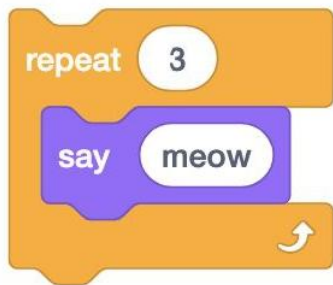


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```
int counter = 0;
while (counter < 3)
{
    print("meow\n");
    counter = counter + 1;
}
```



```
int i = 0;
while (i < 3)
{
    print("meow\n");
    i = i + 1;
}
```

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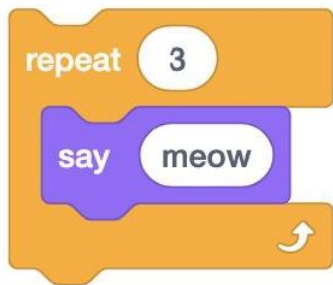
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int i = 0;
while (i < 3)
{
    print("meow\n");
    i += 1;
}
```

Syntactic Sugar 🍬

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```
int i = 0;
while (i < 3)
{
    print("meow\n");
    i++;
}
```

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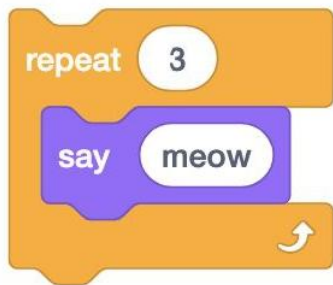
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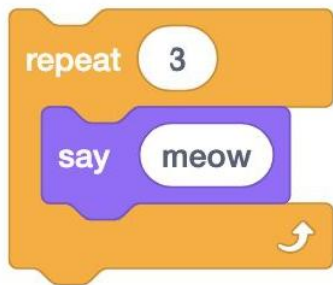


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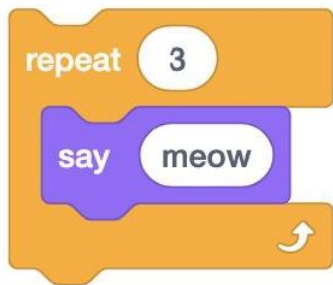


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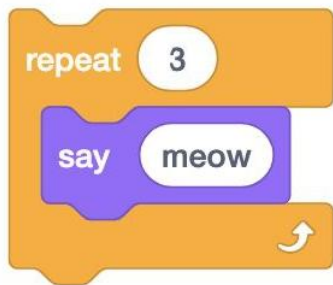


```
int i = 1;
while (i <= 3)
{
    print("meow\n");
    i++;
}
```

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```
int i = 3;
while (i > 0)
{
    print("meow\n");
    i--;
}
```

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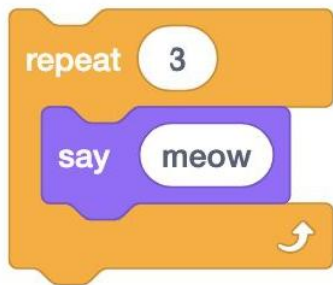
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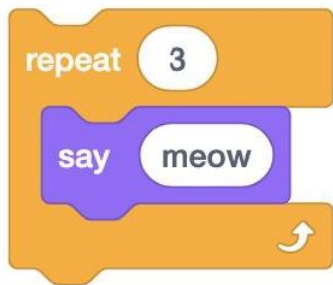


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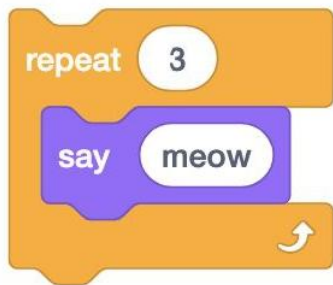


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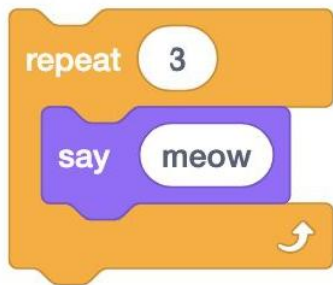


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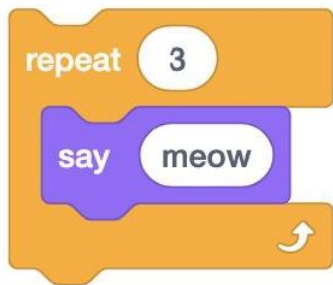
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