

Learn.code.org

練習,並將二十關的程式碼輸出, 撰寫中英文說明並寫下心得
畫面



第一關

```
moveForward();
```

```
moveForward();
```

第二關

```
moveForward();
```

```
moveForward();
```

```
moveForward();
```

第三關

```
moveForward();
```

```
moveForward();
```

```
turnRight();
```

```
moveForward();
```

第四關

```
moveForward();
```

```
turnLeft();  
  
moveForward();  
  
turnRight();  
  
moveForward();
```

第五關

```
turnRight();  
  
moveForward();  
  
turnLeft();  
  
moveForward();  
  
moveForward();  
  
moveForward();  
  
turnLeft();  
  
moveForward();
```

第六關

```
for (var count = 0; count < 5; count++) {  
    moveForward();  
}
```

第七關

```
turnRight();  
  
for (var count = 0; count < 5; count++) {  
    moveForward();  
}
```

第八關

```
moveForward();
```

```
moveForward();  
  
moveForward();  
  
moveForward();  
  
turnLeft();  
  
for (var count = 0; count < 5; count++) {  
    moveForward();  
}
```

第九關:

```
for (var count = 0; count < 3; count++) {  
    moveForward();  
  
    moveForward();  
  
    turnRight();  
}
```

第十關:

```
while (notFinished()) {  
    moveForward();  
}
```

第十一關:

```
while (notFinished()) {  
    moveForward();  
  
    moveForward();  
  
    turnLeft();  
}
```

第十二關: 僵屍

```
while (notFinished()) {  
    moveForward();  
    turnLeft();  
    moveForward();  
    turnRight();  
}
```

第十三關:

```
while (notFinished()) {  
    turnRight();  
    moveForward();  
    turnLeft();  
    moveForward();  
}
```

第十四關解一:

```
while (notFinished()) {  
    moveForward();  
    if (isPathLeft()) {  
        turnLeft();  
        while (notFinished()) {  
            executionInfo.checkTimeout(); if (executionInfo.isTerminated()){return;}  
            moveForward();  
        }  
    }  
}
```

第十四關解二:

```
while (notFinished()) {  
    if (isPathLeft()) {  
        turnLeft();  
    }  
    moveForward();  
}
```

第十五關:

```
while (notFinished()) {  
    moveForward();  
    if (isPathRight()) {  
        turnRight();  
    }  
}
```

第十六關:

```
while (notFinished()) {  
    moveForward();  
    if (isPathLeft()) {  
        turnLeft();  
    }  
}
```

第十七關:

```
while (notFinished()) {  
    moveForward();  
}
```

```
if (isPathRight()) {  
    turnRight();  
}  
}
```

第十八關:



```
while (notFinished()) {  
    if (isPathForward()) {  
        moveForward();  
    } else {  
        turnLeft();  
    }  
}
```

第十九關



```
while (notFinished()) {  
  if (isPathForward()) {  
    moveForward();  
  } else {  
    turnRight();  
  }  
}
```

第二十關:

```
while (notFinished()) {  
  if (isPathForward()) {  
    moveForward();  
  } else {  
    if (isPathRight()) {  
      turnRight();  
    }  
  }  
}
```

```
} else {  
    turnLeft();  
}  
}  
}
```

證書:

恭喜你，你已完成 **1** 個小時的程式設計課程。



註:可以改為畫家的型式練習看看

C O
D E
STUDIO

关卡 2

程式积木

在這裡組合你的程式积木：

向前移動 100 像素

當按下執行時

向右轉 90 度

向左轉

45
60
90
120
180

執行

Draw this diamond with 120 and 60 degree angles and 150 pixel long sides.

你會到第幾關呢?