Quiz Section for Program Design (I)

Test

Print out "Hello world"

- **Input Format**
  None

- **Output Format**
  As mentioned.

- **Technical Specifications**
  None

The table below shows the example input and output.

Input	Output
	Hello world

Solution:

```c
#include <stdio.h>

int main()
{
    int number, digit;
    scanf("%d", &number);

    digit = number / 8;
    printf("%d", digit);
    number = number - digit * 8;

    digit = number / 4;
    printf("%d", digit);
    number = number - digit * 4;

    digit = number / 2;
    printf("%d", digit);
    number = number - digit * 2;

    printf("%d", number);

    return 0;
}
```