"It is far more honorable to fail than to cheat"
Have fun!

Find Output:

```c
#include<stdio.h>
int main() {


    int i = 0;

    while (i++ < 21);

    printf("%d\n", i);

    return 0;
}
```

Find Output:

```c
#include<stdio.h>
int main() {


```

```c
    int i = 0;

    while (i++ < 21)

    printf("%d\n", i);


    return 0;
}
```

Explain what is wrong with the following C program.

```c
#include<stdio.h>

int main() {


    int a = 6;

    printf("%d\n", a);

    int a = 10;

    printf("%d\n", a);

    return 0;
}
```

Find Output:

```c
#include<stdio.h>

int main() {

    label1:
        printf("Hello World 1\n");
        printf("Hello World 2\n");
        goto label3;

    label2:
        printf("Hello World 3\n");
        printf("Hello World 4\n");
        return 0;

    label3:
        printf("Hello World 3\n");
        printf("Hello World 4\n");
        goto label2;


}
```

Find Output:

```c
#include<stdio.h>

int main() {

    int i = 10;
    int j = 5;

    while (i-- > j++)
        printf("%d %d\n", i, j);

}
```

Find Output:

```c
#include<stdio.h>

int main() {

    int i;

    i = 10;

    while (i < 10) {
        printf("%d\n", i);
        i++;
```

```c
        }

        i = 10;
```

Or

```c
        do {
            printf("%d\n", i);
            i++;
        } while (i < 10);

}
```

Find Output:

```c
#include<stdio.h>

int main() {

    int i = 0;

    for (;;) {
        if (++i > 10) break;
        printf("%d\n", i);
    }

}
```

Find Output:

```c
#include<stdio.h>

int main() {

    int i;

    i = 0;
    i++ && printf("CUK\n");


    i = 0;
    ++i && printf("CodeSquad\n");

}
```

Find Output:

```c
int main() {

    int i;

    i = 0;
    i++ || printf("CUK\n");
```

```c
    i = 0;
    ++i || printf("CodeSquad\n");

}
```

Find Output:

```c
#include<stdio.h>

int main() {

    int i;

    i = 10;

    do {

        printf("Hello World\n");
        while (i--);

    } while (i > 0);

}
```

Find Output:

```c
#include<stdio.h>

int main() {

    int i;

    i = 10;

    do {} while (i--);

    printf("%d\n", i);


}
```

Find Output:

```c
#include<stdio.h>

int main() {

    int a = 5;
    int b = 6;

    printf("%d\n", !(a && b));
    printf("%d\n", !(!a || !b));

}
```

Find Output:

```c
#include<stdio.h>

int main() {

    for (int i = 0; i < 10; i++)
        printf("%d\n", 1 && (i % 2));

}
```

Find Output:

```c
#include<stdio.h>

int main() {

    for (int i = 0; i < 10; i++) {
        switch (i % 2) {
            case 0:
                printf("fizz.\n");
                break;
A           case 1:
                printf("buzz.\n");
                break;
        }
    }
```

```c
}
```

Find Output:

```c
#include <stdio.h>
int main() {

    int i = 0;

    while (i++) {
        printf("%d\n", i);
        break;
    }


    return 0;
}
```

Find Output:

```c
#include <stdio.h>
int main() {


    for (int i = 0; i < 5; i+=2) {
```

```c
        switch(i) {
                case 0:     printf("Black\n");
                case 1:     printf("Blue\n");
                case 2:     printf("Green\n");
                case 3:     printf("Aqua\n");
                default:    printf("Other\n");
            }
        }
        return 0;
}
```

Find Output:

```c
#include<stdio.h>

int main() {

    if (0);
        printf("Hello");

    printf("Hi");


    return 0;
}
```

Find Output:

```c
#include<stdio.h>
int main() {
    int val = 1;

    do{
        val++;
        ++val;


    } while(val++ > 10);

    printf("%d\n", val);

    return 0;
}
```