```
cout<<"Name: "<<"                    "<<endl;
cout<<"ID:     "<<"                   "<<endl;
```

IAP Final 3

Array:

Write a C++ program for a store. The program stores the number of units available in stock for each product. The store contains 10 products and each product is identified by unique number that ranges from 0 to 100
The program can perform the following tasks:
1. Print all store products numbers.
2. Displays the values which are less than 20 or greater than or equal 80.
3. Increase the stock of a specific product and a specific quantity.

Char:

Write a simple program that reads two characters and tells the user if they are identical or not.

This program must stay running until the user enters two $ characters.

Loop:

Write a program to make such a pattern like right angle triangle with a number which will repeat a number in a row.

```
    1
   2 2
  3 3 3
 4 4 4 4
```

Rewrite Code:

Rewrite the following code using for loops, your code should output exactly the same results.

```
int x=0;
int y=5;
while (x<5) {
    y=5;
    while (y>2) {
        cout<<x+y<<"";
        y--;
    }
    cout<<"\n";
    x=x+2;
}
```

☺ Best Wishes ☺

Eng. Joud Khattab