

```
// ΛΥΣΗ 0ου ΘΕΜΑΤΟΣ  
// ΑΠΟΣΤΟΛΗΣ ΑΝΑΣΤΑΣΙΟΥ – Α ΛΥΚΕΙΟΥ ΓΕΛ ΜΟΥΔΑΝΙΩΝ
```

```
program anastasiou;
```

```
Var
```

```
  //Text Files
```

```
  f1,f2 :Text;
```

```
  //Integers
```

```
  a, b, c ,i: Integer;
```

```
  //String
```

```
  detail :String;
```

```
Begin
```

```
  //Assigning Input File
```

```
  assign(f1, 'triades.in');
```

```
  reset(f1);
```

```
  repeat
```

```
    begin
```

```
      //Reading the Numbers
```

```
      readln(f1, a , b, c);
```

```
      //
```

```
      //Cases
```

```
      if (a + c = b) then
```

```
        begin
```

```
          detail := 'A Perfect combination !';
```

```
          i := i + 1
```

```
        end
```

```
      else
```

```
        begin
```

```
          detail := ";
```

```
        end;
```

```
      //
```

```
      writeln(a ,',',b ,',',c ,',', detail);
```

```
    end;
```

```
  until eof(f1);
```

```
  //readln();
```

```
  close(f1);
```

```
  assign(f2, 'triades.out');
```

```
  rewrite(f2);
```

```
  writeln(f2 , i);
```

```
  close(f2);
```

```
End.
```

// ΛΥΣΗ 1ου ΘΕΜΑΤΟΣ
// ΔΑΝΙΛΑΚΗΣ ΒΕΝΙΖΕΛΟΣ – Γ ΛΥΚΕΙΟΥ ΕΠΙΛ ΚΑΣΣΑΝΔΡΑΣ

```
program danilakis;
var sum,n,a,b,i,c,kanonas:integer;
f1,f2:text;
begin
  assign(f1, 'kanonas.in');
  reset(f1);
  assign(f2,'kanonas.out');
  rewrite(f2);

  readln(f1,n);
  readln(f1,a,b);
  for i:=3 to n do
  begin
    readln(f1,c);
    sum:=a+b;
    if sum=c then
    begin
      kanonas:=kanonas+1;
    end;
    a:=b;
    b:=c;
  end;
  writeln(f2,kanonas);

  close(f1);
  close(f2);
  halt(0);
end.
```

// ΛΥΣΗ 2ου ΘΕΜΑΤΟΣ
// ΣΟΛΩΜΟΣ ΓΕΩΡΓΙΟΣ – Γ ΛΥΚΕΙΟΥ ΓΕΛ ΑΡΝΑΙΑΣ

```
Program solomos;
Var
f1, f2 : text;
N, M, POS11, POS21, POS12, POS22, meres, i, ans : integer;
ar :array[1..100] of integer;

Begin
assign(f1, 'mila.in');
reset (f1);
readln (f1, N, M);
readln (f1, POS11, POS22);

For i := 1 to N do
ar[i] := 0;

POS21 := POS22;
POS12 := POS11;

meres:=0;

Repeat
meres := meres + 1;

If POS22 < N then
POS22 := POS22+1;
If POS11 > 1 then
POS11 := POS11-1;

POS21 := POS21-1;
POS12 := POS12+1;
Until meres=M;

For i:=POS11 to POS12 do
ar[i]:=1;

For i:=POS21 to POS22 do
ar[i]:=1;

ans:=0;
For i:=1 to N do
Begin
If ar[i]=1 then
ans:=ans+1;
End;

assign (f2, 'mila.out');
```

```
rewrite(f2);  
writeln (f2, ans);  
close(f2);  
halt(0)  
END.
```