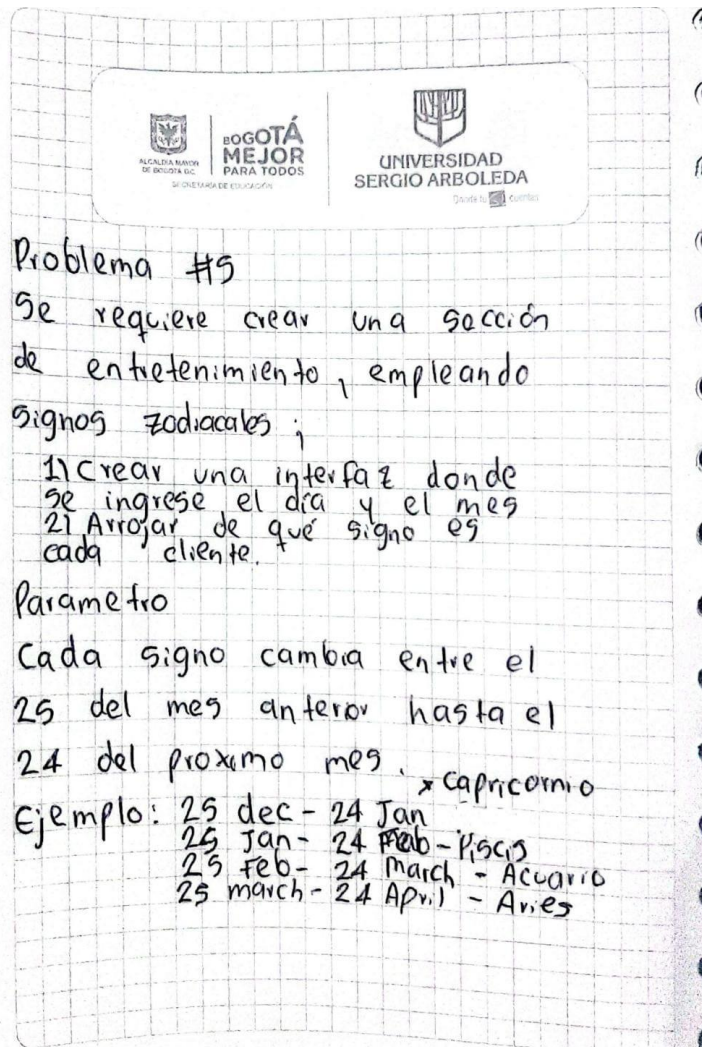


## La Aplicación de Entretenimiento

### 1) Análisis del problema:



### 2) Código:

```
#include <iostream>
```

```
using namespace std;
```

```
int main() {
```

```
    int dia, mes_de_nacimiento;
```

```
    string signo_zodiacal;
```

```
cout << "Ingrese dia: " << endl;
```

```
cin >> dia;
```

```
cout << "Ingrese su mes en un intervalo de 1 a 12: " << endl;
```

```
cin >> mes_de_nacimiento;
```

```
switch (mes_de_nacimiento){
```

```
    case 1:
```

```
        if(dia <25){
```

```
            signo_zodiacal = "capricornio";
```

```
        }
```

```
        else{
```

```
            signo_zodiacal = "acuario";
```

```
        }
```

```
        break;
```

```
    case 2:
```

```
        if(dia < 25){
```

```
            signo_zodiacal = "acuario";
```

```
        }
```

```
        else{
```

```
            signo_zodiacal = "piscis";
```

```
        }
```

```
        break;
```

```
    case 3:
```

```
        if(dia < 25){
```

```
            signo_zodiacal = "piscis";
```

```
        }
```

```
    else{
        signo_zodiacal = "aries";
    }
    break;
case 4:
    if(dia < 25){
        signo_zodiacal = "aries";
    }
    else{
        signo_zodiacal = "tauro";
    }
    break;
case 5:
    if(dia < 25){
        signo_zodiacal = "tauro";
    }
    else{
        signo_zodiacal = "geminis";
    }
    break;
case 6:
    if(dia < 25){
        signo_zodiacal = "geminis";
    }
    else{
        signo_zodiacal = "cancer";
    }
```

```
        break;
    case 7:
    if (dia < 25){
        signo_zodiacal = "cancer";
    }
    else{
        signo_zodiacal = "leo";
    }
    break;
    case 8:
    if(dia < 25){
        signo_zodiacal = "leo";
    }
    else{
        signo_zodiacal = "virgo";
    }
    break;
    case 9:
    if(dia < 25){
        signo_zodiacal = "virgo";
    }
    else{
        signo_zodiacal = "libra";
    }
    break;
    case 10:
    if(dia < 25){
```

```
        signo_zodiacal = "libra";
    }
    else{
        signo_zodiacal = "escorpio";
    }
    break;
    case 11:
    if(dia < 25){
        signo_zodiacal = "escorpio";
    }
    else{
        signo_zodiacal = "sagitario";
    }
    break;
    case 12:
    if(dia < 25){
        signo_zodiacal = "sagitario";
    }
    else{
        signo_zodiacal = "capricornio";
    }
    break;

    default:
        signo_zodiacal = "Mes no válido";
        break;
}
```

```
cout << "Su signo zodiacal es: " << signo_zodiacal << endl;
```

```
return 0;
```

```
}
```

3)Diagrama de flujo:

