#### 课程作业1

(1)看懂happyScore.pl程序代码； 修改代码部分：

(2)把程序内的happyScore替换成happyIndex,；

(3)把买rose 增加的 分值改成50；

(4)没有买rose扣除的分值改成30；

(5)买 chocolate增加的分值改成30；

(6)没有买chocolate扣除分值 改成20；

(7)改总分大于等于150分为very high；

(8)大于等于 90且小于150分为high，小于90分为low；

(9)把修改后的程序 另存为happyIndex.pl。 修改后的happyIndex.pl程序代码为作业内容。

代码：use strict;

use warnings;

my $happyIndex = 60;

my $rose = "rose";

my $day = 1;

my $totalDays = 365;

my $valentineDay = 45;

my $girlBirthday = 31+28+15; # 03/15

while ( $day < $totalDays )

{

$day++;

if ( $day == $valentineDay ) {

warn "today is valentine's day, order beautiful flowers\n";

my $flower = "rose";

if ( $flower eq $rose ) {

$happyIndex += 50;

}

else {

$happyIndex -= 30;

}

}

if ( $day == $girlBirthday ) {

warn "today is your girl's birthday, order beautiful flowers and cake\n";

my $flower = "rose";

if ( $flower eq $rose ) {

$happyIndex += 30;

}

else {

$happyIndex -= 10;

}

my $cake = "chocolate";

if ( $cake eq "chocolate" ) {

$happyIndex += 30;

}

else {

$happyIndex -= 20;

}

}

if ( $day != $girlBirthday && $day != $valentineDay) {

##warn "miss girl! study hard! make money!\n";

}

}

if ( $happyIndex >= 150 ) {

print "Your happy score is very high, ^\_^ ^\_^\n";

}

if ( $happyIndex >= 90 && $happyIndex < 150) {

print "Your happy score is high, ^\_^\n";

}

if ( $happyIndex < 90 ) {

die "Your happy score is low >\_<\n";

}

结果：today is valentine's day, order beautiful flowers

today is your girl's birthday, order beautiful flowers and cake

Your happy score is very high, ^\_^ ^\_^

[Finished in 0.4s]