程式一：第一支程式 (pgm01.c)

```c
#include <stdio.h>
#include <stdlib.h>
int main( )
{
    printf("This is output from my first program!\n");
    system("PAUSE");
    return 0;
}
```

程式二：計算圓周長 (pgm02.c)

```c
#include <stdio.h>

int main()
{
  float radius, circumference;  /* declare an input and output item */

  radius = 2.0;   /* set a value for the radius */
  circumference = 2.0 * 3.1416 * radius;  /* calculate the circumference */
  printf("The circumference of the circle is %f\n", circumference);

  return 0;
}
```

程式三：計算兩成績之平均分數(pgm03.c)

```c
#include <stdio.h>
int main()
{
  float grade1;    /* declare grade1 as a double variable */
  float grade2;    /* declare grade2 as a double variable */
  float total;     /* declare total as a double variable */
  float average;   /* declare average as a double variable */

  grade1 = 85.5f;
  grade2 = 97.0f;
  total = grade1 + grade2;
  average = total/2.0;
  printf("The average grade is %f\n",average);

  return 0;
}
```

程式四：溫度轉換(華氏轉攝氏)

```c
/* convert a Fahrenheit temperature to Celsius */

#include <stdio.h>
int main()
{
  float celsius;
  float fahrenheit = 75;  /* declaration and initialization */

  celsius = 5.0/9.0 * (fahrenheit - 32.0);
  printf("The Celsius equivalent of %5.2f degrees Fahrenheit\n",
                                              fahrenheit);

  printf("   is %5.2f degrees\n", celsius);

  return 0;
}
```

程式五：計算長方形面積(pgm05.c)

```c
#include <stdio.h>
int main()
{
  float length, width, area;

  length = 27.2;
  width = 13.8;
  area = length * width;
  printf("The length of the rectangle is %f", length);
  printf("\nThe width of the rectangle is %f", width);
  printf("\nThe area of the rectangle is %f", area);

  return 0;
}
```

程式六：輸入兩數，計算其乘積(pgm06.c)

```c
#include <stdio.h>
int main()
{
  float num1, num2, product;

  printf("Please type in a number: ");
  scanf("%f",&num1);
  printf("Please type in another number: ");
  scanf("%f",&num2);
  product = num1 * num2;
  printf("%f times %f is %f\n", num1, num2, product);

  return 0;
}
```