

Assignment 6

1.

```
"E:\Project\Dev\App\C\KMUTT-CPE100\Assignment 6\assignment6.exe"

*****
* i *   fi   *   sum   *
*****
* 1 *   2.000000 * 2.000000 *
* 2 *   3.000000 * 5.000000 *
* 3 *   2.000000 * 7.000000 *
* 4 *   0.833333 * 7.833333 *
* 5 *   0.250000 * 8.083333 *
* 6 *   0.058333 * 8.141667 *
* 7 *   0.011111 * 8.152778 *
* 8 *   0.001786 * 8.154563 *
* 9 *   0.000248 * 8.154812 *
* 10 *  0.000030 * 8.154842 *
*****
ans = 8.154842

Press [ENTER] to back to menu.
```

2.

```
"E:\Project\Dev\App\C\KMUTT-CPE100\Assignment 6\assignment6.exe"

*****
*count* i *   fi   *
*****
* 1 *   3 *   2 *
* 2 *   6 *   8 *
* 3 *   9 *  34 *
* 4 *  12 * 144 *
* 5 *  15 * 610 *
* 6 *  18 * 2584 *
* 7 *  21 * 10946 *
* 8 *  24 * 46368 *
* 9 *  27 * 196418 *
* 10 * 30 * 832040 *
*****

Press [ENTER] to back to menu. _
```

3.

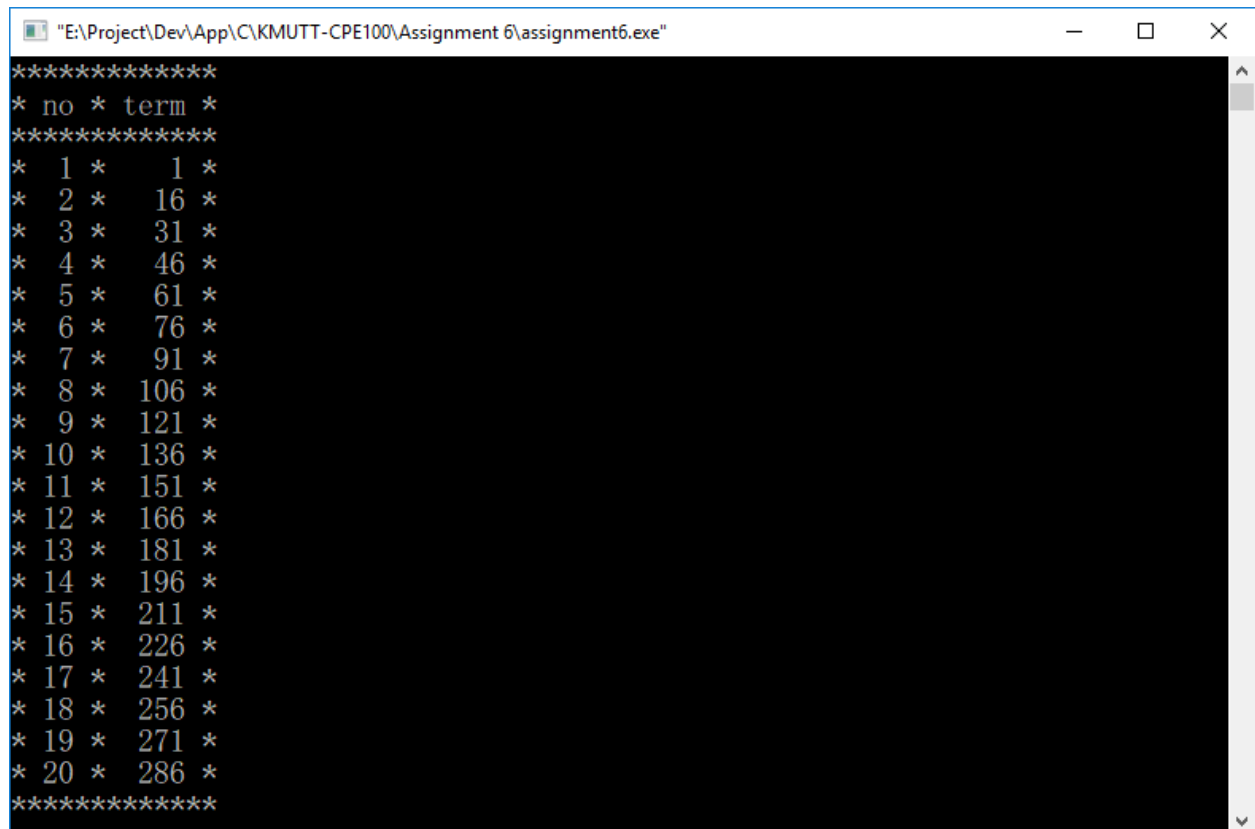
```
"E:\Project\Dev\App\C\KMUTT-CPE100\Assignment 6\assignment6.exe"
*****
* no * fi * sum *
*****
* 1 * 40 * 40 *
* 2 * 114 * 154 *
* 3 * 180 * 334 *
* 4 * 238 * 572 *
* 5 * 288 * 860 *
* 6 * 330 * 1190 *
* 7 * 364 * 1554 *
* 8 * 390 * 1944 *
* 9 * 408 * 2352 *
* 10 * 418 * 2770 *
* 11 * 420 * 3190 *
* 12 * 414 * 3604 *
* 13 * 400 * 4004 *
* 14 * 378 * 4382 *
* 15 * 348 * 4730 *
* 16 * 310 * 5040 *
*****
n = 16, ans = 5040
```

4.

```
"E:\Project\Dev\App\C\KMUTT-CPE100\Assignment 6\assignment6.exe"
*****
* no * i * sum *
*****
* 1 * 108 * 108 *
* 2 * 117 * 225 *
* 3 * 126 * 351 *
* 4 * 135 * 486 *
* 5 * 144 * 630 *
* 6 * 153 * 783 *
* 7 * 162 * 945 *
* 8 * 171 * 1116 *
* 9 * 180 * 1296 *
* 10 * 189 * 1485 *
* 11 * 198 * 1683 *
*****
count = 12, ans = 1683

Press [ENTER] to back to menu.
```

5.



```
*****  
* no * term *  
*****  
* 1 * 1 *  
* 2 * 16 *  
* 3 * 31 *  
* 4 * 46 *  
* 5 * 61 *  
* 6 * 76 *  
* 7 * 91 *  
* 8 * 106 *  
* 9 * 121 *  
* 10 * 136 *  
* 11 * 151 *  
* 12 * 166 *  
* 13 * 181 *  
* 14 * 196 *  
* 15 * 211 *  
* 16 * 226 *  
* 17 * 241 *  
* 18 * 256 *  
* 19 * 271 *  
* 20 * 286 *  
*****
```