## 1. problem1.c

#### <코드>

```
C problem1.c > @ main()
    #include <stdio.h>

void change(float dollar, int *quarters, int *dimes, int *nickels, int *pennies)

int coin = dollar * 100;

*quarters = coin / 25;

*dimes = coin % 25 / 10;

*nickels = coin % 25 % 10 / 5;

*pennies = coin % 25 % 10 % 5;

int main()

float dollar;
    int quarters, dimes, nickels, pennies;
    printf("Enter your dollar :");
    scanf("%f", &dollar);
    printf("\n");
    change(dollar, &quarters, &dimes, &nickels, &pennies);
    printf("quarters : %d\ndimes : %d\nnickels : %d\npennies : %d", quarters, dimes, nickels, pennies);

return 0;

return 0;

}
```

```
PS C:\Users\jinyoung\OneDrive\gachon\1_2\problemSoving\code\week4> & 'c:\L\
Adapters\bin\WindowsDebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-skkqr
MIEngine-Error-bmbi3skd.kbp' '--pid=Microsoft-MIEngine-Pid-grvmfc2z.kma' '-
Enter your dollar : 2.33

quarters : 9
dimes : 0
nickels : 1
pennies : 3
PS C:\Users\jinyoung\OneDrive\gachon\1_2\problemSoving\code\week4> [
```

# 2a. problem2a.c

#### <코드>

```
C problem2a.c > ...

1 #include <stdio.h>

2

3 int secs(int hours, int minutes, int seconds)

4 {

5 int totalNumber;

6 minutes += hours * 60;

7 seconds += minutes * 60;

8 totalNumber = seconds;

9 return totalNumber;

10 }

11

12 int main()

13 {

14 printf("%d초", secs(1, 10, 2)); // 1시간10분2초 == 4202초

15 }

16
```

```
PS C:\Users\jinyoung\OneDrive\gachon\1_2\problemSoving\code\week4>
PS C:\Users\jinyoung\OneDrive\gachon\1_2\problemSoving\code\week4> & 'c:\Use s\bin\WindowsDebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-pwls3ms4.qps'
-44dnukch.hxm' '--pid=Microsoft-MIEngine-Pid-z2rgn5dc.qyn' '--dbgExe=C:\msys6
4202本
PS C:\Users\jinyoung\OneDrive\gachon\1_2\problemSoving\code\week4>
```

# 2b. problem2b.c

#### <코드>

```
C problem2b.c > 分 main()

1  #include <stdio.h>

2

3  int secs(int *tot, int hours, int minutes, int seconds)

4  {

5     minutes += hours * 60;

6     seconds += minutes * 60;

7     *tot = seconds;

8  }

9

10  int main()

11  {

12     int totSec;

13     secs(&totSec, 1, 10, 2); // 1시간10분2조 == 4202조

14     printf("%d조", totSec);

15  }
```

```
PS C:\Users\jinyoung\OneDrive\gachon\1_2\problemSoving\code\week4> & 'c:\Users\jinyoung\.vscode\extensions\ms-s\bin\WindowsDebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-ezduhouo.40j' '--stdout=Microsoft-MIEngine-Out->-fw3j2gni.qej' '--pid=Microsoft-MIEngine-Pid-am5m3hrv.pwt' '--dbgExe=C:\msys64\ucrt64\bin\gdb.exe' '--interpret4202초
PS C:\Users\jinyoung\OneDrive\gachon\1_2\problemSoving\code\week4>
```

## 3. problem3.c

#### <코드>

```
C problem3.c > ...
    #include <stdio.h>

void liquid(int totalCups, int *gallons, int *quarts, int *pints, int *cups)

{
    *gallons = totalCups / 16;
    totalCups %= 16;
    *quarts = totalCups / 4;
    totalCups %= 4;
    *pints = totalCups / 2;

    *cups = totalCups % 2;

int main()

{
    int totalCups = 100;
    int gallons, quarts, pints, cups;
    liquid(totalCups, &gallons, &quarts, &pints, &cups);
    printf("Gallons : %d , Quarts : %d , Pints : %d , Cups : %d", gallons, quarts, pints, cups);
}
```

```
PS C:\Users\jinyoung\OneDrive\gachon\1_2\problemSoving\code\week4> & 'c:\Users\jinyoung s\bin\WindowsDebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-wdadw1j5.asv' '--stdout=N-r4iisct1.bdn' '--pid=Microsoft-MIEngine-Pid-ipdgfgpw.tvs' '--dbgExe=C:\msys64\ucrt64\bigGallons : 6 , Quarts : 1 , Pints : 0 , Cups : 0
PS C:\Users\jinyoung\OneDrive\gachon\1_2\problemSoving\code\week4> [
```

## 4. problem4.c

#### <코드>

```
PS C:\Users\jinyoung\OneDrive\gachon\1_2\problemSoving\code\week4> & 'c:\Users\jinyoung\.vscode\extens
Adapters\bin\WindowsDebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-pjdllylw.1g3' '--stdout=Microsoft
MIEngine-Error-qde44oeg.lnf' '--pid=Microsoft-MIEngine-Pid-u5b05bxu.nrq' '--dbgExe=C:\msys64\ucrt64\bin
6.5 8.2 8.5 8.3 8.6 9.4 9.6 9.8 10.0
PS C:\Users\jinyoung\OneDrive\gachon\1_2\problemSoving\code\week4>
```

## 5. problem5.c

#### <코드>

# <실행화면>

PS C:\Users\jinyoung\OneDrive\gachon\1\_2\problemSoving\code\week4> & 'c:\Users\jinyoung\.vscode\extensions\ms-vscode\Adapters\bin\WindowsDebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-fglsowa2.2pd' '--stdout=Microsoft-MIEngine-Out-MIEngine-Error-cue1rb1p.uqm' '--pid=Microsoft-MIEngine-Pid-v41a1y3e.451' '--dbgExe=C:\msys64\ucrt64\bin\gdb.exe' '--id 42.480000 126.565000 79.260000 138.192500 167.580000 144.891000 19.740000 98.928000 35.235000 19.104000 PS C:\Users\jinyoung\OneDrive\gachon\1\_2\problemSoving\code\week4>