```c
#include <stdio.h>

// REMARQUE :  Faire le cas avec piece de 1 4 et 6 et un montant de 8 =>
questionnement ????

void greedy (
    // in
    unsigned int remainder ,
    // out
    unsigned int* res1 , unsigned int* res2 , unsigned int* res5 , unsigned int* res10
)
{
    *res10 = remainder / 10;
    remainder = remainder % 10;
    *res5 = remainder / 5;
    remainder = remainder % 5;
    *res2 = remainder / 2;
    remainder = remainder % 2;
    *res1 = remainder ;
}

int main () {
    unsigned int x = 0;
    unsigned int res1 = 0, res2 = 0, res5 = 0, res10 = 0;

    printf("Entrez un entier : ");
    scanf("%d",&x);

    greedy (x, &res1 , &res2 , &res5 , &res10);
    printf (" Montant = %u\n", x );
    printf (" res1 = %u\n", res1 );
    printf (" res2 = %u\n", res2 );
    printf (" res5 = %u\n", res5 );
    printf (" res10 = %u\n", res10 );
    return 0;
}
```