Problem 4 : Print minimum number of notes required(1, 2, 5, 10, 20, 50, 100, 200, 500).

Code:

```c
#include <stdio.h>
int main() {
    int amount, notes[] =
{500,200,100,50,20,10,5,2,1}, count, i;
    printf("Enter amount: ");
    scanf("%d", &amount);
    for(i = 0; i < 9; i++) {
        count = amount / notes[i];
        if(count) {
            printf("%d x %d\n", count, notes[i]);
            amount %= notes[i];
        }
    }
    return 0;
}
```

<u>Output</u>:

Enter amount: 500
1 x 500