

```
#include <stdio.h>

int main() {

    float shirt = 250.0, jeans = 450.0, shoes = 350.0, hat = 100.0;
    float total, discount, finalAmount;

    total = shirt + jeans + shoes + hat;

    printf("Item List:\n");
    printf("1. Shirt: $%f\n", shirt);
    printf("2. Jeans: $%f\n", jeans);
    printf("3. Shoes: $%f\n", shoes);
    printf("4. Hat: $%f\n\n", hat);

    printf("Total before discount: $%f\n", total);

    if (total >= 1000) {
        discount = total * 0.10;
        printf("Discount applied: 10%%\n");
    }
    else if (total > 500 && total < 1000) {
        discount = total * 0.05;
        printf("Discount applied: 5%%\n");
    }
    else {
        discount = 0;
        printf("No discount applied.\n");
    }

    finalAmount = total - discount;
    printf("Final amount to pay: $%.2f\n", finalAmount);

    return 0;
}
```

```
rvu@rvu-OptiPlex-SFF-7020: ~/Desktop
rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ cd Desktop
bash: cd: Desktop: No such file or directory
rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ gcc hero.c
rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ gcc hero.c -o test
rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ ./test
Item List:
1. Shirt: $250.000000
2. Jeans: $450.000000
3. Shoes: $350.000000
4. Hat: $100.000000

Total before discount: $1150.000000
Discount applied: 10%
Final amount to pay: $1035.00
rvu@rvu-OptiPlex-SFF-7020:~/Desktop$
```