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```
#include <stdio.h>
```

```
#include <math.h>
```

```
float cost_calculator(char, int);
```

```
float change_calculator(float, float);
```

```
int main(){
```

```
    char size;
```

```
    int toppings, control=1;
```

```
    float money_paid, cost, change;
```

```
    do{
```

```
        printf("Enter the size of the pizza (s/l): ");
```

```
        scanf("%c",&size);
```

```
        if (size!='s' && size!='l'){
```

```
            printf("Not a valid Pizza size!\n");
```

```
            break;
```

```
        }
```

```
        printf("Enter the number of toppings: ");
```

```
        scanf("%d",&toppings);
```

```
        if (toppings < 0){
```

```
            printf("Not a valid topping number!\n");
```

```
            break;
```

```
        }
```

```
        printf("Enter the amount paid (in Euro): ");
```

```
        scanf("%f",&money_paid);
```

```

        control=0;
    }while(control);

    cost = cost_calculator(size, toppings);
    change = change_calculator(cost, money_paid);

    if(control == 0){
        if(change>0)
            printf("Your Pizza costs %.2f Euro and you will get %.2f change
back!",cost,change);
        else if (change <0)
            printf("Your Pizza costs %.2f Euro and you need to pay %.2f Euro
more!",cost,fabs(change));
        else
            printf("Your Pizza costs %.2f Euro Thank you!",cost);
    }

    return 0;
}

```

```

float cost_calculator(char size, int toppings){
    float cost = 0;

    if (size == 's'){
        cost+=3;
        toppings--;
        cost+=toppings*0.85;
    }
    else if(size == 'l'){
        cost+=5;
        toppings--;
        cost+=toppings*0.95;
    }
}

```

```
}
```

```
return cost;
```

```
}
```

```
float change_calculator(float cost, float money_paid){
```

```
    float change = money_paid - cost;
```

```
    return change;
```

```
}
```