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# QUIZ 2

Question 1:

Code:

```
#include<stdio.h>
float amount_to_rent_or_montage(int monthly_salary);
float amount_to_grocerries();
float amount_to_utilities();
float amount_to_transportation();
float amount_to_saving();
float total_amount_saved();

int main()
{
 int monthly_salary;
 float result;

 printf("Enter monthly salary:");
 scanf("%d",&monthly_salary);

 float amount_to_rent_or_montage(int monthly_salary);
 printf("Amount on rent or montage =$%f\
n",amount_to_rent_or_montage(monthly_salary));

 float amount_to_grocerries(int monthly_salary);

 printf("Amount on glocceries =$%f\n",amount_to_grocerries(monthly_salary));

 float amount_to_utilities();
 printf("Amount on utilities =$%f\n",amount_to_utilities(monthly_salary));

 float amount_to_transportation(int monthly_salary);
  printf("Amount on Transportation =$%f\
n",amount_to_transportation(monthly_salary));

 float amount_to_saving(int monthly_salary);
 printf("Amount on Saving =$%f\n",amount_to_saving(monthly_salary));

 float total_amount_saved(int monthly_salary);
```

```c
    printf("Amount saved =$%f\n",total_amount_saved(monthly_salary));

    printf("You saved $613.00 and you meet your expectations");


    return 0;
}
float amount_to_rent_or_montage(int monthly_salary)

{
    return monthly_salary * 0.3;
}
float amount_to_grocerries(int monthly_salary)
{
    return monthly_salary * 0.15;
}
float amount_to_utilities(int monthly_salary)
{
    return 525.00 * 0.5;
}
float amount_to_transportation(int monthly_salary)
{
    return  monthly_salary * 0.1;
}
float amount_to_saving(int monthly_salary)
{
    return monthly_salary * 0.2;
}
float total_amount_saved(int monthly_salary)
{
    float result;
    result = (3500 - 1050 - 525 - 262 - 350 - 700) ;
    return  result;
}
```

Output:

Question 2:

Code:

```c
#include<stdio.h>

float colonical(float base_price, float finised_area);
float split_entry(float base_price, float finised_area);


int main()
{
 float base_price,finised_area,price_per_square_foot2;

 printf("Enter the base price for the colonical house:");
 scanf("%f",&base_price);
 printf("Enter finished area (in square feet) for the colonical house:");
 scanf("%f", &finised_area);

 float colonical(float base_price, float finised_area);

 printf("Price per square foot for colonical house =%f\n",colonical(base_price,
finised_area));

 float split_entry(float base_price, float finised_area);

 if ( price_per_square_foot2 < 125)
 {
  printf("The split entry house offer lowest price per square foot\n");
 }

 else
 {
printf("Not less than Colonical");
}


 return 0;
}


 float colonical(float base_price, float finised_area)
 {
  float price_per_square_foot1;
```

```
    price_per_square_foot1 = base_price / finised_area ;

 return price_per_square_foot1;
}
float split_entry(float base_price, float finised_area)
{
 float price_per_square_foot2;

 price_per_square_foot2 = base_price / finised_area;

 return price_per_square_foot2;
 }
```

Output:

Jtz22b.c
muhammad@muhammad-Latitude-5490:~/Desktop$ ./a.out
Enter the base price for the colonical house: 250000
Enter finished area (in square feet) for the colonical house:2000
Price per square foot for colonical house =125.000000
The split entry house offer lowest price per square foot
muhammad@muhammad-Latitude-5490:~/Desktop$