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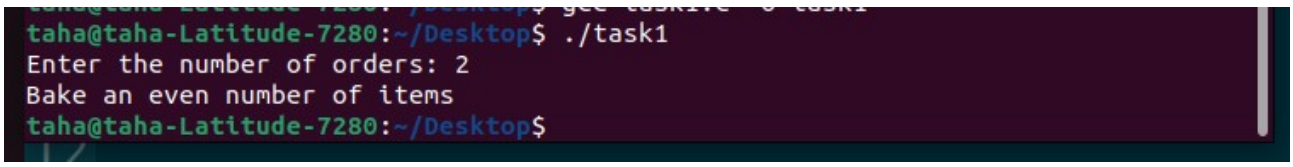
**Question No 1:**

**Input:**

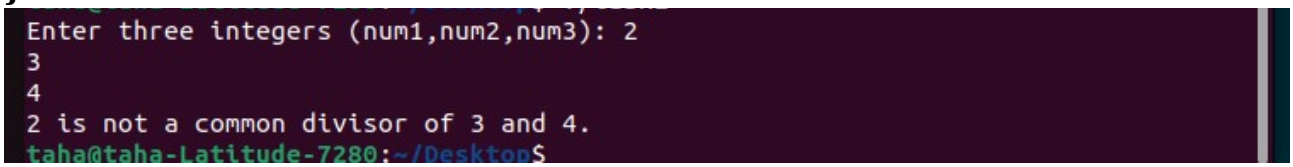
```
#include<stdio.h>
void bakeitems(int totalorders)
{
    if (totalorders == 0) {
        printf("Don't bake any items\n");
    } else if (totalorders % 2 == 0) {
        printf("Bake an even number of items\n");
    } else {
        printf("Bake an odd number of items");
    }
}

int main()
{
    int totalorders;
    printf("Enter the number of orders: ");
    scanf("%d", &totalorders);
    bakeitems(totalorders);
    return 0;
}
```

**output:**



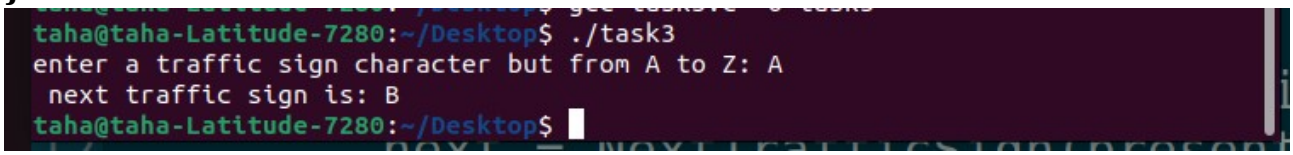
**Question No 2:**

```
#include <stdio.h>

int isCommonDivisor(int val1, int val2, int val3) {
    if (val1 == 0) {
        return 0;
    }

    if (val2 % val1 == 0 && val3 % val1 == 0) {
        return 1;
    } else {
        return 0;
    }
}

int main() {
    int num1,num2,num3;

    printf("Enter three integers (num1,num2,num3): ");
    scanf("%d %d %d", &num1, &num2, &num3);

    if (isCommonDivisor(num1,num2,num3)) {
        printf("%d is a common divisor of %d and %d.\
n",num1,num2,num3);
    } else {
        printf("%d is not a common divisor of %d and %d.\
n",num1,num2,num3);
    }

    return 0;
}
```



**question 3:**

```
#include <stdio.h>
char NextTrafficSign(char currentSign);//function decleration

int main() {
   char presentSign;//variable decleration
   char next;//variable decleration

   printf("enter a traffic sign character but from A to Z: ");
   scanf(" %c", &presentSign);

   if (presentSign >= 'A' && presentSign <= 'Z') {
       next = NextTrafficSign(presentSign);//executed when condition
true
      printf(" next traffic sign is: %c\n", next);
   } else {
      printf("Invalid input");//when condition fail
   }

   return 0;
}
char NextTrafficSign(char presentSign)//user define function to check
next sign
{
   if (presentSign >= 'A' && presentSign < 'Z') {
      return presentSign + 1;
   } else if (presentSign == 'Z') {
      return 'A';
   } else {

      return 'A';
   }
}
```



```
#include <stdio.h>

//create Function to convert Celsius to Fahrenheit
float CToF(float cel);

int main() {
   float cel, fah;

   // ask the user to enter the temperature in Celsius
   printf("Enter temperature in Celsius: ");
   scanf("%f", &cel);

   // Call the conversion function
   fah = CToF(cel);


   printf("%f degre Celsius is equal to %f degre Fah\n", cel, fah);

   return 0;
}
// definition of function
float CToF(float cel) {
   return (cel * 9 / 5) + 32;
}
```