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1BM19CS206

Q1)

```c
#include <stdio.h>
int main()
{
    int c, n1, n2;
    do
    {   printf(" CHOOSE THE OPERATION : \n");
        printf(" 1) Add \n");
        printf(" 2) Subtract \n");
        printf(" 3) Multiply \n");
        printf(" 4) Divide \n");
        printf(" 5) Modulous \n");
        printf(" 6) Greater than \n");
        printf(" 7) Lesser than \n");
        printf(" 8) Equal to \n");
        printf(" 9) Not equal to \n");
        printf(" 10) Increasement \n");
        scanf(" %d", &c);
        printf(" Enter two numbers \n");
        scanf(" %d %d ", &n1, &n2);
```

①

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```
Switch (n)
{
    case 1 : printf ("%d + %d \n", n1, n2, n1+n2);
            break;

    case 2: printf (" %d - %d - %d \n", n1, n2, n1-n2);
            break;

    case 3: printf ("%d x %d = %d \n", n1, n2, n1*n2);
            break;

    case 4: printf ("%d / %d = %d \n", n1, n2, n1 /n2);
            break;

    case 5 : printf ("%d mod %d = %d \n", n1, n2,
                                        n1 %n2);
            break;

    case 6: if (n1 > n2)
            {
                printf ("%d > %d \n", n1, n2);
            }
}
```

②

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```c
    else
    {
        printf("%d > %d \n", n2, n1);
    }
    break;

    case 7: if (n1 < n2)
    {
        printf("%d < %d \n", n1, n2);
    }

    else
    {
        printf("%d < %d \n", n2, n1);
    }
    break;

    case 9: if (n1 == n2)
    {
        printf("%d ! = %d \n", n1, n2);
    }
```

③

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```c
        else
        {
            printf("%d = %d \n", n2, n1);
        }
        break;

    case 10:

            printf("%d++ = %d\n", n1, n1+1);
            printf("%d++ = %d \n", n2, n2+1);
            break;

            default : printf(" WRONG INPUT \n");
        } }

    printf(" do you want to continue ? \n");
    printf(" if no click 0 else tap any other
            key \n");
    scanf("%d", &c);
    }
    while (c! = 0);
    return 0;
}
```

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Q2)

```c
#include <stdio.h>
int sumaver (int n1, int n2)
{
    int sum;
    sum = n1 + n2;
    printf (" sum = %d \n", sum);
    return sum/2;
}


void printeven (int n1, int n2)
{
    int s, b;
    if (n1 > n2)
    {
        s = n2;
        b = n1;
    }
    else
    {
        s = n1;
        b = n2;
    }
```

⑤

```c
printf("The even numbers between two
          numbers are \n");

for (int i = s+1; i < b; i++)
{
    if (i%2 == 0)
    printf("%d \n", i);
}
}

int main()
{
    int n1, n2, t, avg, x1, x2;
    printf("Enter three numbers: \n");
    scanf("%d %d %d", &n1, &n2, &t);
    if(t < n1 && t < n2)
    {
        x1 = n1;
        x2 = n2;
    }
    else if(n2 < n1 && n2 < t)
    {
        x1 = n1;
        x2 = t;
    }
```

⑥

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```
        else
            {
                x1 = h2;
                x2 > t;
            }


        avg = sumaver(x1, t2);
        printf ("Average is : %d \n", avg);
        printeen (x1, x2);


    }
```

⑦