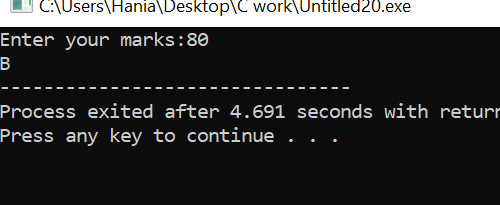
PROGRAMMING FUNDAMENTAL LAB4

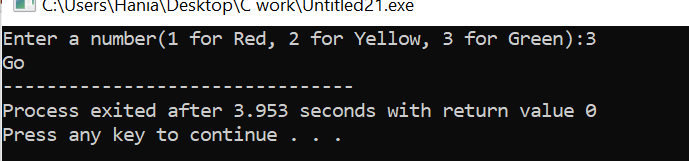
**TASK 4:**

|  |
| --- |
| #include<stdio.h>  int main()  {float mark;  printf("Enter your marks:");  scanf("%f",&mark);  if(mark>=90)  printf("A");  else if(mark>=80)  printf("B");  else if(mark>=70)  printf("C");  else if(mark>=60)  printf("D");  else  printf("F");  return 0;} |



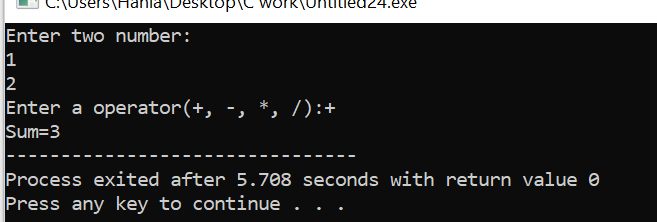
**TASK 5:**

|  |
| --- |
| #include<stdio.h>  int main()  {int a;  printf("Enter a number(1 for Red, 2 for Yellow, 3 for Green):");  scanf("%d",&a);  switch(a)  {case 1:  printf("Stop");  break;  case 2:  printf(“Ready”);  break;  case 3:  printf(“Go”);  break;  default:  printf(“Invalid input”);  }return 0;  } |



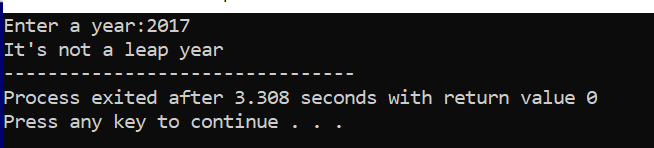
**TASK 6:**

|  |
| --- |
| #include<stdio.h>  int main()  {int a,b;  char op;  printf("Enter two number:\n");  scanf("%d %d",&a,&b);  printf("Enter a operator(+, -, \*, /):");  scanf(" %c",&op);  switch(op)  {case'+':  printf("Sum=%d",a+b);  break;  case'-':  printf("Difference=%d",a-b);  break;  case'\*':  printf("Product=%d",a\*b);  break;  case'/':  printf("Quotient=%d",a/b);  default:  printf("Invalid operator");  }  return 0;  } |

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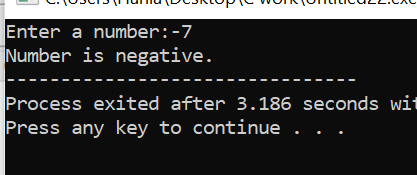
**TASK 7:**

|  |
| --- |
| #include<stdio.h>  int main()  {int year;  printf("Enter a year:");  scanf("%d",&year);  if(year%4==0)  {if(year%100==0)  printf("It is a leap year");  else  printf("It is not a leap year");  }  else  printf("It's not a leap year");  return 0;  } |



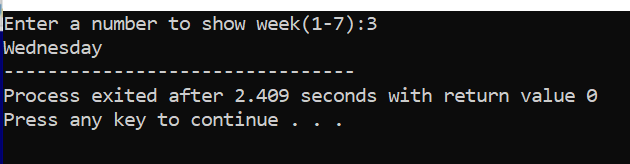
**Task 8:**

|  |
| --- |
| #include<stdio.h>  int main()  {int n;  printf("Enter a number:");  scanf("%d",&n);  if (n>0)  printf("Number is positive.");  else if (n<0)  printf("Number is negative.");  else  printf("Number is zero.");  return 0;  } |



**TASK 9:**

|  |
| --- |
| #include<stdio.h>  int main()  {int i;  printf("Enter a number to show week(1-7):");  scanf("%d",&i);  switch(i)  {case 1:  printf("Monday");  break;  case 2:  printf("Tuesday");  break;  case 3:  printf("Wednesday");  break;  case 4:  printf("Thursday");  break;  case 5:  printf("Friday");  break;  case 6:  printf("Saturday");  break;  case 7:  printf("Sunday");  break;  default:  printf("Invalid input");}  return 0;  } |



**TASK 10:**

|  |
| --- |
| #include<stdio.h>  int main()  {int pass,pass\_define=123456;  printf("Enter a passcode:");  scanf("%d",&pass);  if(pass=pass\_define)  printf("Access granted");  else  printf("Access denied");  return 0;  } |

