**LAB FINAL EXAM- 25-6-2022**

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**Section- F**

**//Program 1**

#include <stdio.h>

int main()

{

printf("Name: Didarul Islam Sifat\n");

printf("Date of Birth: 26 May 2003\n");

printf("Blood Group:AB+ \n");

return(0);

}

**//Program 2**

#include <stdio.h>

int main()

{

int first, second, add, subtract, multiply;

float divide;

printf("Enter two number\n");

scanf("%d%d", &first, &second);

add = first + second;

subtract = first - second;

multiply = first \* second;

divide = first / (float)second;

printf("Sum = %d\n",add);

printf("Difference = %d\n",subtract);

printf("Multiplication = %d\n",multiply);

printf("Division = %.2f\n",divide);

return 0;

}

**//Program 3**

#include <stdio.h>

int main( )

{

float n1, n2, addition,subtraction;

printf("Enter first number: ");

scanf("%f", &n1);

printf("Enter second number: ");

scanf("%f", &n2);

addition=n1+n2;

subtraction=n1-n2;

printf("Addiction\n= %f", addition);

printf("subtraction\n= %f",subtraction);

return 0;

}

**//Program 4**

#include<stdio.h>

int main()

{

int n,m,sum\_total=0,reverse=0;

printf("Enter a six digit number:");

scanf("%d",&n);

m=n%10;

while(n>0){

m=n%10;

n=n/10;

reverse=(reverse\*10)+m;

sum\_total=sum\_total+m;

}

printf("Sum of digits = %d\n",sum\_total);

printf("Reverse of the number = %d\n",reverse);

return 0;

}

**//Program 5**

#include <stdio.h>

void main()

{

int num1, num2, num3;

printf("Enter num1, num2 and num3\n");

scanf("%d %d %d", &num1, &num2, &num3);

printf("num1 = %d\tnum2 = %d\tnum3 = %d\n", num1, num2, num3);

if (num1 > num2)

{

if (num1 > num3)

{

printf("num1 is the big number \n");

}

else

{

printf("num3 is the big number \n");

}

}

else if (num2 > num3)

printf("num2 is the big number\n");

else

printf("num3 is the big number \n");

}

**//Program 6**

#include<stdio.h>

int main() {

int n,i;

int sum=0;

printf("Enter the number of n : ");

scanf("%d",&n);

sum = (n \* (n + 1)) / 2;

printf("Sum of the series: ");

for (i =1;i <= n;i++) {

if (i!=n)

printf("%d + ",i); else

printf("%d = %d ",i,sum);

}

return 0;

}

**//Program 7**

#include <stdio.h>

int main()

{

int n, i;

float num[100], sum = 0.0, avg;

printf("How many subject? ");

scanf("%d", &n);

for (i = 0; i < n; i++)

{

printf("%d. Enter the marks: ", i + 1);

scanf("%f", &num[i]);

sum =sum + num[i];

}

avg = sum / n;

printf("Average = %.2f", avg);

return 0;

}

**//Program 8**

#include<stdio.h>

int main()

{

int score;

printf("Enter score( 0-100 ): ");

scanf("%d", &score);

switch( score / 9 )

{

case 9:

case 8:

printf("Grade: A+");

break;

case 7:

printf("Grade: B");

break;

case 6:

printf("Grade: C");

break;

case 5:

printf("Grade: D");

break;

case 4:

printf("Grade: E");

break;

default:

printf("Grade: F");

break;

}

return 0;

}