Structured Programming Language

Assignment - 01

MD MUSFIGUR RAHMAN

.011 221 334

Section : F

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int
$$a = 1334/7 =$$

int $b = 1334%7 =$
float $c = (float) 1334/7 =$

float id = (float) (1334/7) =

Υ	ľ	icen	value.f	++i
4	٥	ruest.	0	
4	0	Т	0	1_
4	2	Т	4	3
9	4	T	20	5
۲,	6	F		

(3) int
$$a = 1334 \% 3 + 1 = 3$$

int $b = 1334 \% 2 + 1 = 1$
int $c = 1334 \% 2 + 2 = 4$

for loop (i)	178	cose(o)	cos c (1)	cose(2)	(6)920)	cose(4)	rose(5)	default
0	丁	l='3 bncak	_	_	-		_	_
1	Т		i= 2 bncok	_	_	_	_	_
2	T	1		i=5 bneak	1	_	_	_
3	T				L= 7 bnrak	_	_	_
4	Т					i=6 break	_	-
5	T						i= 9 bneak	_
6	T							1=10 broak

for loop	128	rose(0)	Cate(1)	cose(2)	cuse (3)	eose(4)	euje (5)	default
7	Т	***************************************			The second secon			i=11 bneck
8	False		****	-	phone .	parti	_	

i	Υ	A[0]	A[I]	A[2]	A[3]	124
ganvage	gonvoge	0	0	0	0	_
до пуаде	1334	0	O	0	0	
0	1339	1334	O	0	0	Trace
1	1334	1334	1335	0	0	T
1	1339	1334	2670	0	0	
2	1334	1334	2670	1336	0	T
3	1334	1334	2670	1336	1337	T
· 3	1334	1334	2670	1336	2679	T
4	1334			нарының болшон комырдууларының Манада	Managar .	False

```
Section -B

—×—×—

#include ∠stdio.h)
```

(5)

```
int main () }
         int a = 1334+3;
         int b = a +11;
            b = b/15;
         float c = atb;
          · c = c+1;
        printf ("din, "din ",fin", a,b,e);
        neturn 0;
    3
6) #include Lstdio. h>
  int main 2
      int a = (334 1/17)+3
      intb = (341,21) +5
       int c;
         seomf (" 1,d", &c);
   if (e) a le e>b) {
            if (C%2==0) {
                  printf ("cis largest and even m");
             zelse 1
                  printfl" e is largest and odd in");
   else if (e)a){
              if (c% 3==0) {
                    printf (" c crossed a and divisible by 31m1);
              else 2 printf ("cis not divisible by 3\n");
  else if (@>b) 2

if (c/,5==0) {

pnintf ("crossed band divisible by 5\n");
```

```
2 printf ( c is not divisible by 5 m");
  else & printf ("cis not larger then a orb in");
  3
  return 0;
(3) #include Lstdio.n)
  int main () {
       int, i, j, n;
    scanf ("7.d 7.d 7.d ", 4i,45,4n);
     int sum = 0;
   for ( int k =0 ; k <= n; k+1);
     sum+= ((k*i) + : ((k-1)*j));
   printf ("gid", sum);
  if (sum % 2=20)
            2 printf (" 011 221 334");
           prinf (" Md Mustique Rahman");
      return 0;
  3
```

```
(8) #inelude (stdio.h)
    ind main() {
        int b = (34/,21)+5; int a = 1339
        int A [10] = 203;
        for (int 1=0; i < 10; i+1)
           1 ALIJ = 0%7+3*1;
        int sum = 0
    for (int i=0; i210; itt) 2
          if (1 1/2 = = 0)
              2 sum + = A[i];
     printf ("%d", sum);
      return 0',
  3
```

#inelude (stdis.h)

int main () {

int a, b;

float sum;

seanf ("%d. %d", &a, &b);

sum + = a;

printf ("of, f", sum);

return 0;

- 3 Morzning Hello
 - 1 Invalid answer
 - (m) Best
 - W Wishes! Invelid onswer

@ #inelude (stdio.h)

int main() {

int . Also, Blos;

scanf ("%d %d", LAG, LBG2);

if (AG = BG2)

2 pnintf(" Dnaw!");

else if (AG) BG2)

2 pnintf(" Team A win!");

else {

pnintf(" Team B win!");

}

4

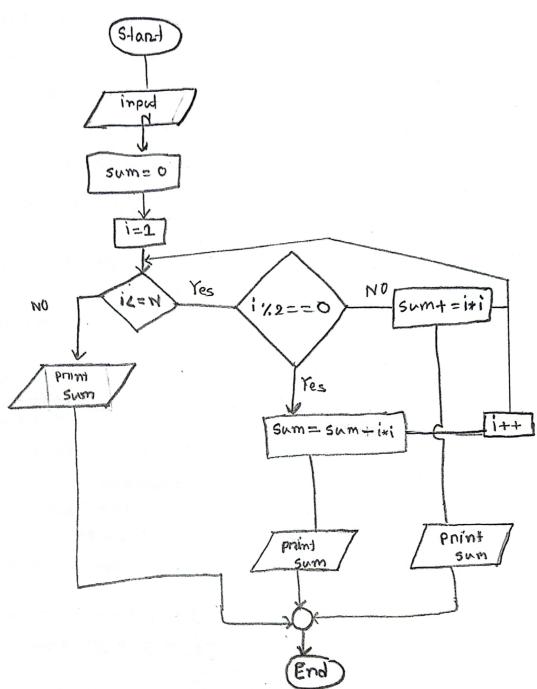
3

=> sum = 0.0

l	j	o <i< td=""><td>sum</td><td>1+2</td><td>-+t</td></i<>	sum	1+2	-+t
10	1	T.	9.00	12	2
12	2	Т	19,00	14	3
14	3	Т	3010	16	.4
16	4	т	42:00	18	5
1.8	5	Т	55.0	20	6
1					

condition.

 $6) 1^2 - 2^2 + 3^2 - 4^2 + \cdots$



```
#include 2 stdio.h)
    int main () }
       icilin tri
      scanf (" % d ", q.n);
      for(i=n; i)=1; i--) }
        for (j=1, j(=1, j++) {
            · printf ("%c", 5+64);
          printf("\n");
       neturn o;
    3
(4) (b) #include (stdio.h)
     int moun (1 2
         int m[50];
         int n, min, min Index;
         sanf ("7,d", &n)
        if | n == 0 11 m > 501
          1 printf ("Invalide");
       for lintizo sicn litt) 2
             seanf ("%", 2 m[9];
       min = m [0];
        min Index = 0;
      for lintiza sich sitt 12
             if I min [i] < min) 3
                   min = m[i]:
               minIndex = 1;
         printf ("Minimum Number : old, Minimum index: old",
                   min, minIndex);
      neturn 0;
```

```
#include Listdio. h)
   intmain() 4
        flood num;
        float sum;
     int count = 0;
  for lintica siz=4; itt.)}
      printf ("num = ");
     if (semf ("" 1.f", enum)! = 1)}
        printf ["Invalid input ");
      while (getchar () (= '\m");
        i--;
        continue;
      3
   if (mum >0) 4
        sum t= num
          comt tt
        print (" Ageruge = 1/. 1+ \n", Bum/count);
    Selse
        2 printf ("-\n");
     5
printf (" Aperage = 1/11 f m", sum/ count );
 return o;
```

@

3

(a) int ann1[5] = {1,2,3,4,5} if lanucis = arrelis 1 n++ int ann2[5] = {5,4,3,2,13 m zannıri] int arr3[5]; anns Lijam 3 m=n=0 1=0, =0 m=0 n = 0 J=1 m=0 n=0 $\hat{J} = 2$ m = 0 n = 0g=3 m=0 m = 0 j=2 4 4 n = 1 j=3 4 4 7=4 4 4 i=1, γ mi = 4, 1 1 mn 1 1 J=1 5 9 1 1 j=2 55 1 2 J. = 3 55 2 2 7=9 3 i= 2, j=0 3 m 2 2 ana 3[0] = 1 2 2 ann 3[1] = 2 3 3 うっ 2 ann 3[2] = 3 3 J= 3 ann 3[3] = 4 3 (B) output ann369] =5 1: 2! 3 ! 4;

5'

5:

4: 3; 2;

55

5 5