Read n

i=0,s=0

Function Sample(int n)

while(n>0)

r=n%10

p=8^i

s=s+p\*r

i++

n=n/10

End While

Return s;

End Function

1. 27 B) 87 C) 187 D) 120

2) What is the value of s if N is 20

2) Read N

Function sample(N)

s = 0

f = 1

i = 1

while i <= N:

f = f \* i

s = s +(i / f)

i+=1

End while

return(s);

End Function

1. 3.78946
2. 2
3. 39.0
4. 19.26

3) Read limit

n1 = 0, n2= 1, n3=1, count = 1;

while count <= limit

count=count+1

print n3

n3 = n1 + n2

n1 = n2

n2 = n3

End While

a)112358

b)12359

c)123581321

d)12358132

4)

What will be the value of even\_counter if number = 2630?

Read number

Function divisible(number)

even\_counter = 0, num\_remainder = number;

while (num\_remainder)

digit = num\_remainder % 10;

if digit != 0 AND number % digit == 0

even\_counter= even\_counter+1

End If

num\_remainder= num\_remainder / 10;

End While

return even\_counter;

A)3 B) 4 C) 2 D)1

5) hat will be the value of t if a = 56 , b = 876?

Read a,b

Function mul(a, b)

t = 0

while (b != 0)

t = t + a

b=b-1

End While

return t;

End Function

A)490563 B) 49056 C)490561 D) NONE

Q)

Code to sort given array in ascending order:

Read size

Read a[1],a[2],…a[size]

i=0

**While(i<size)**

j=i+1

**While(j<size)**

**If a[i] < a[j] then**

t= a[i];

a[i] = a[j];

a[j] = t;

End If

j=j+1

End While

i=i+1

End While

i=0

**While (i<size)**

print a[i]

i=i+1

End While

A)Line 4 B) Line 6 C)Line 7 D) None

Q)

What will be the output of the following pseudocode for a = 9, b = 7?

Integer funn(Integer a, Integer b)

Integer c 

Set c = 2 

b = b mod c 

a = a mod c

return a + b 

End function funn()

A)17 B) 5 C) 2 D) NONE

Q)

What will be the output of the following pseudocode for input a = 30, b = 60, C = 90?

Integer a, b, c, sum 

Read a, b, c 

Set sum = a + b + c 

if ((sum EQUALS 180) and (a NOT EQUALS 0) and (b NOT EQUALS 0) and (c NOT EQUALS 0))

Print " Success" 

Otherwise 

Print "Fail" 

End if

A)SUCCESS B) FAILURE C) COMPILATION ERROR D) NONE

Q

What will be the output of the following pseudo-code?

integer i

set i=3

do

print i+3

i=i-1

while( i < 0)

end while

A)6 5 4 B) 6 42 C)3 2 1 D) 1 2 3

Q) How many times the following loop will be executed?

main()

{

ch = ‘b’;

while(ch >= ‘a’ && ch <= ‘z’)

ch++;

}

A)COMPILATION ERROR B) 25 C\_) 26 D) NONE

Q)

What will be the output of the following pseudo code?

For input a = 5 & b = 5.

function (input a, input b)

If (a < b)

return function (b, a)

elseif (b != 0)

return (a \* function (a, b - 1))

else

return 0

A)15625 B) 625 C)3125 D) 525

Q)what will be the output of the following pseudo code

initialize char c

set c= a

print "%d",a

a)64 b)97 c)a d) none

Q) What will be the output of the following code ?

#include<stdio.h>

int main ()

{

char c,a,b;

c='f';

a='s';

b='x';

int sum= c+a+b;

printf ("%d", sum);

}

324

315

320

337

Show Explanation

Q)

What will be the output of the following pseudo code for arr[]= 1,2,3,4,5

initialize i,n

intialize an array of size n

accept the values for the array

for i= 0 to n

arr[i] = arr[i]+arr[i+1]

end for

print the array elements

3 5 7 9 5

3 5 7 9 11

3 5 9 15 20

error

Q)What will be the output of the following pseudo code ?

#include<stdio.h>

int fun(int x, int y);

int main()

{

int i,n;

i=5;

n=7;

int f = fun(5,7);

printf("%d", f);

}

int fun(int x, int y)

{

if(x<=0)

return y;

else

return(fun(x-1,y-1));

}

0(zero)

1

2

3

Q)

What operation does the following pseudo code performs

Declare an array of string type variable called word

Declare a loopcounter

Store a string in the array word

for loopcounter = (length of the word) – 1 to 0

loopcounter = loopcounter – 1

print arrayword[loopcounter]

endfor

Algorithm end

It accepts a string

8.93%

It reverses  the string

**71.55%**

It prints the string in the same order

15.13%

none of the above

4.39%

Hide Explanation

Q)

What will be the output of the following pseudocode?

#include<stdio.h>

int func(int a)

{

return a--;

}

int main()

{

int a= func(5);

printf("%d",a++);

return 0;

}

4

26.27%

5

**55.97%**

7

4.54%

6

13.22%

What will be the output of the following pseudocode?

#include<stdio.h>

int main()

{

float m=3.0;

switch((int)m)

{

case 1:

printf("hello”);

break;

case 2:

printf("nice");

break;

case 3:

printf(“hello nice");

break;

}

1. a) hello
2. b) nice
3. c) hello nice
4. d) none

Q)

include<stdio.h>

int main()

{

int val=5;

do{

val++;

++val;

}while(val++>7);

printf("%d",val);

return 0;

}

11

6.44%

10

**8.63%**

8

**43.23%**

7

41.70%

Hide Explanation

Q)

int main()

{

int m=0;

if(m==0)

{

m=((5,(m=3)),m=1);

printf("%d",m);

}

else

printf("Test");

return 0;

}

Test

1

3

5

Hide Explanation