

BASIC QUESTIONS: 3 MARKS

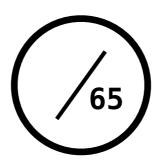
CODE: 5 MARKS

TRACE TABLES: 6 MARKS

week 2_3:

CW3 (1h 30m)

YOUR SCORE:



rajin teaches programming

NAM	MME:		
	9	SECTION A: THE	<u>ORY</u>
Q1.	L. Explain the purpose	of using looping s	tructures in programming.
		een the for, while	, and do-while loops in C
pro	rogramming.		

		of '	loop	contro	l vari	lables	and	their	role	in
	ignific	ance	of	loop to	ermina	tion o	condi	tions?	Expla	ain
	differ	ence	e be	tween p	ore-te	st and	d pos	st-test	loop)S,
What is an exam	What is the san example.	What is the signific an example. Describe the difference of the d	What is the significance an example. Describe the difference	What is the significance of an example. Describe the difference be	What is the significance of loop to an example. Describe the difference between p	What is the significance of loop termina an example. Describe the difference between pre-tes	What is the significance of loop termination of an example. Describe the difference between pre-test and	What is the significance of loop termination condi an example. Describe the difference between pre-test and pos	What is the significance of loop termination conditions? an example. Describe the difference between pre-test and post-test	What is the significance of loop termination conditions? Explain example. Describe the difference between pre-test and post-test loop

SECTION B: PROBLEMS

Write a C program le loop.	to print t	he first	10 natura	l numbers u	SING a
Create a C program 100 using a for lo		ne sum of	all even	numbers bet	ween 1
		ne sum of	all even	numbers bet	ween 1
		ne sum of	all even	numbers bet	ween 1
		ne sum of	all even	numbers bet	ween 1
		ne sum of	all even	numbers bet	ween 1
		ne sum of	all even	numbers bet	ween 1
		ne sum of	all even	numbers bet	ween 1
		ne sum of	all even	numbers bet	ween 1

Develop a C p ms using a do-wh		gener	ate tne	Fibonacc	i series	up	LO II
Implement a C ng a for loop.	program t	to cal	culate	the facto	rial of	a n	umber
	program t	to cal	culate	the facto	rial of	a n	umber
	program t	to cal	culate	the facto	rial of	a n	umber
	program t	to cal	culate	the facto	rial of	a n	umber
	program t	to cal	culate	the facto	rial of	a n	umber
	program t	to cal	culate	the facto	rial of	a n	umber
	program t	to cal	culate	the facto	rial of	a n	umber
	program t	to cal	culate	the facto	rial of	a n	umber

. Write a C problem in the control of the control o	le loop.				
. Create a C pr using a for lo		neck wheth	er a given	number is	prime or
		neck wheth	er a given	number is	prime or
		neck wheth	er a given	number is	prime or
		neck wheth	er a given	number is	prime or
		eck wheth	er a given	number is	prime or
		neck wheth	er a given	number is	prime or
		neck wheth	er a given	number is	prime or
		neck wheth	er a given	number is	prime or

do-while loop.	the factorial of a number using a
012 Write a C program to reverse	a given number using a while loop.
Q13. Write a c program to reverse	a given number using a white toop.
	1

	Implement a g a for loop		am to	find t	ne sum	ОТ	digits	of a	number
Q15. 5.	Create a C	program	to pri	nt a le	eft—alig	ned	triang	le of	height
	Create a C	program	to pri	nt a le	eft—alig	ned	triang	le of	height
	Create a C	program	to pri	nt a le	eft—alig	Jned 	triang	le of	height
	Create a C	program	to pri	nt a le	eft-alig	J ned	triang	le of	height
	Create a C	program	to pri	nt a le	eft-alig	J ned	triang	le of	height
	Create a C	program	to pri	nt a le	eft—alig	Jned .	triang	le of	height
	Create a C	program	to pri	nt a le	eft-alig	_j ned	triang	le of	height

WHAT DO YOU THINK ABOUT THE QUESTIONS?

TOO EASY, TRY HARDER NEXT TIME \bigcirc

NORMAL

 \bigcirc

TOO HARD, I STRUGGLED A LOT.