	Fundamental of computer page No. 8 , ,
.63	
0	What is FC?
1.0.	The laste a side of a side in
Ans.	The basic concepts of computer including
1/9/	and how they interest thou that is
	how they work how to use them and how they interect they that is called compater fundamental.
- 3	A THE STATE OF THE
Tille	Some importants points
(i)	Identifying typical computer and digital
	Identifying typical computer and digital device components.
City	Understanding the Booting of basis
(1)	Understanding the function of basic aigital components.
le isola	
ciù	Negative digital services.
civi	Understanding cloud computering
(10)	
(V)	Understanding online sefty and responsibility
100,0	# Introduction to Number System
	# Introduction to Number system
*	The number system is the system of
90	I naming or representing number. We know
	that number is a mathematical value
.20	objects and it tielps in performing
	various mathematical calculation,
+	The Charles of the Authority of the Charles of the
	Signature
- 40	

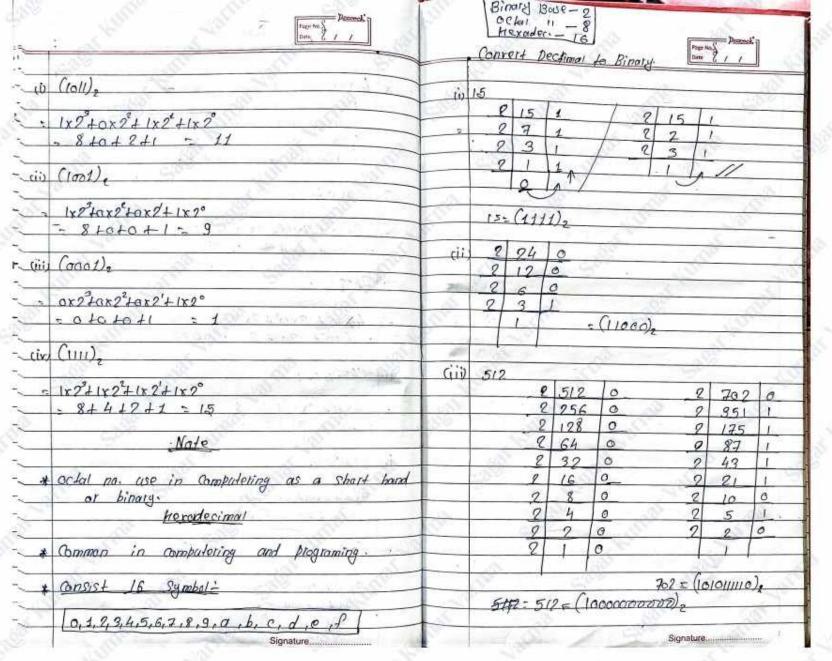




Types of Number System:	redict (3 (3 + 24)
Decimal no. System (0 to 9) (0,1,2,8,4,5,5,2,4)	* Hexadecimal number system > In the Hexadec
→ Binary no. System (0,1)	represented with base 16. In hexadecian system to numbers are represented wing
> Octal number 34stem (8) (0,1,2,3,4,56,7	alphabet from [a to f.]
→ Hexadecimal number System. (16), ((6.1.2.3.4.5.6.7.8.9.A.B.C.D.E.E.)	0. Salve - in (2.33), =?
* Decimal number system (base 10)	Sol- 2x10°+3x10°+3x10° (December 0 to 9 if 2 10° 1.
⇒ Decimal number System has a base of	(4.32) ₁₀ = ?
the position succession to the left	=) 4×10²+ 3×10°+2×10°
of decimal point represent units, tens,	- 400 + 30 +2 = 432
System is expressed in decimal number. Every position so a particular power	(ii) (436), = ?
of bare.	= 4x102+3x102+6x100 = 4x00+30+6 = 436
* Binary number gote System (base 2 ?0,17)	(iv) (54.32)10
* The base 2 number System is also known as binary number system.	5x10°+4x10°+3x10°+2x10°
where only 2 binary digit exist. ex-0 and 1. The usual base to is redis.	. 5000 + 400 + 30 + 2 = 5432
* Octal number system > In the octal number	(v) (99) ₁₀
System base 8 and it uses from lo 40.7 to represent number, octal number are	9x60'+9x60" = 90 +9 = 99 , Ar
Commonly use in Computer animations:	Signature

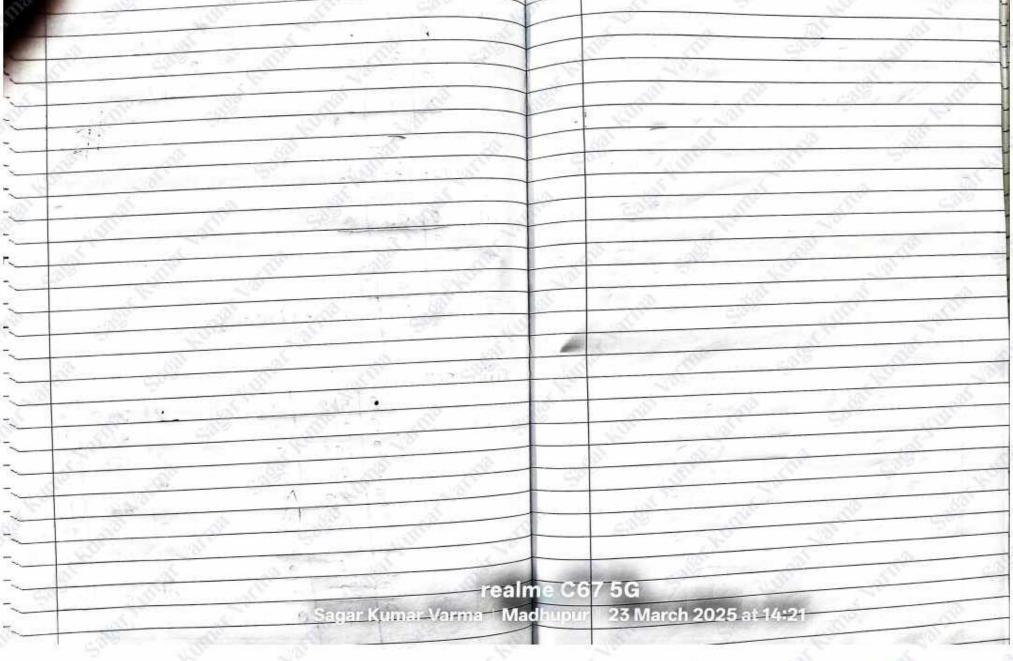






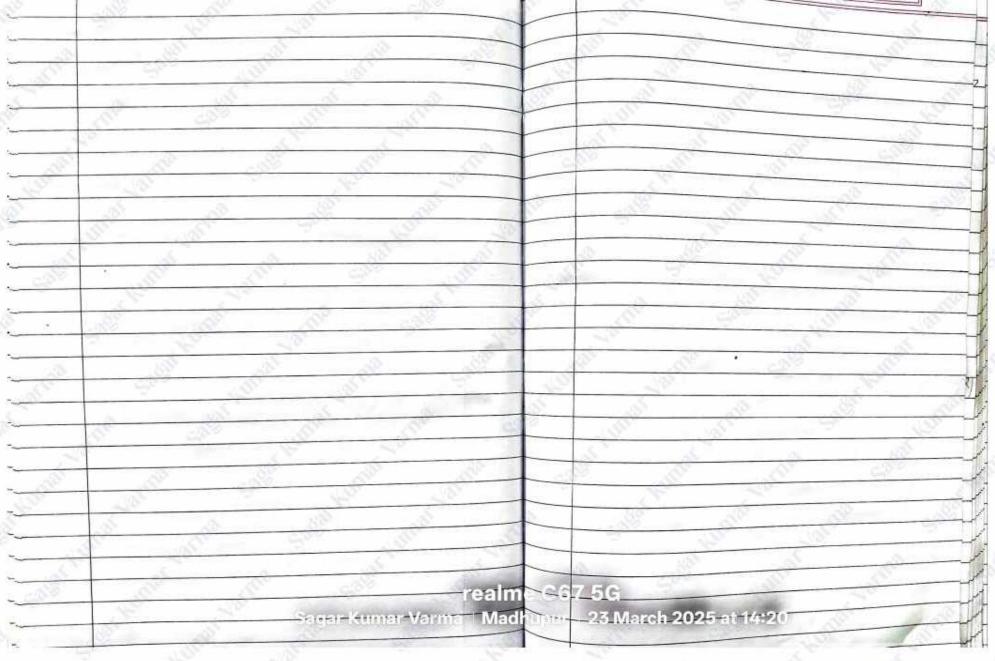








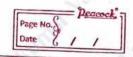








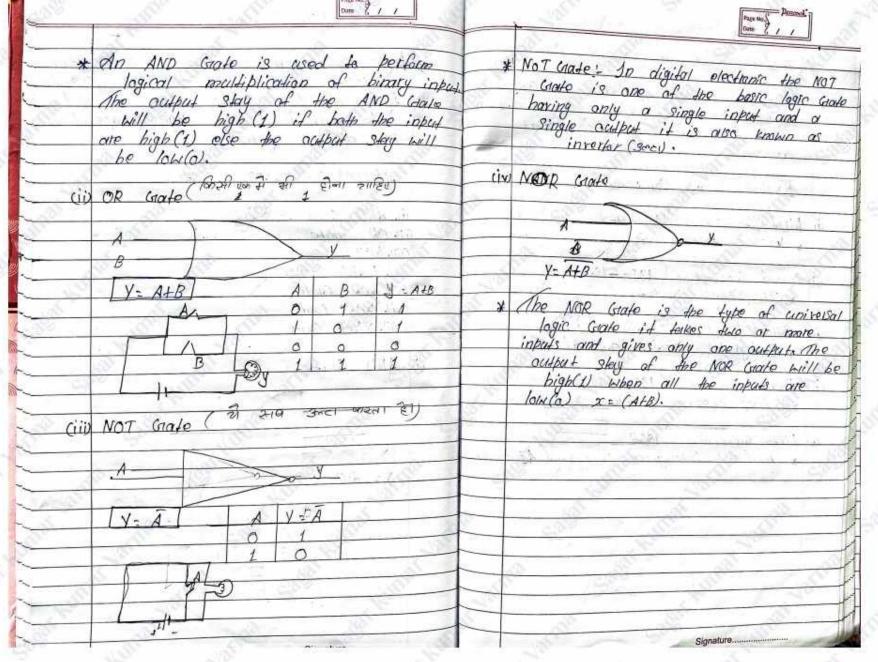
LOCATE GLATES



	Agi Gai
> logic Gades are in	7 Fundamental building
IIIII KI THOU ATO	600.0-11.
types of Logic Can	whes which are used
de perform vario	aus logical operation
digital system	ales which are used rous logical operation.
Tubos 0	Tall
Types of Logic	Gades
iv. AND Gate	
Gir OR Grate	
Ciii) NOT Crate	All
Civ. NAND Gate	(7)
CV). NOR Grate	100
(vi) Van	- FR - 43 - 48
(vi). XOR Gate	Car Page - Car
City. XIVOR Glafe	
in AND Grafe ()	1. Di Toput Elan ante
WARD STATE	Input
No.	191 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1	
	Yaman Yawani
B)	10
V 1h	5 T 5 T 5 T 5 T 5 T 5 T 5 T 5 T 5 T 5 T
Y = A·B	ABX
and the same of th	0 0 0
	1 0 0
	0 / 6
A B LA	
The Bu	16.
	J 3











	Ot a Kill 4 1:	Computer Network
¥	The Evolution of Computer Concept. The Evolution of the Computers can be understand through disting generation. Factor marked by significient tecnological	A group of computer which are connect to each other for the purpose of share there resources is called computer netwo
30,	Evolution of Computer:	* First computer Network: ARPANET (Advanced Persearch Project Agency Network)
ά	First Geometration (1940-56) * Vaccuum tubes Computers	* Characteristics of computer:
60	Second Cappendian (19.56 - 1963)	tii) Communication speed
c."	Transistors computer Third Generalisa (1964-1971)	(v) Software and Hardware Sharing. (vi) Security.
200	* Integrated circuits computer	Nedwork Divices
civ	Fourth Gameralian (1971 - Present) * Microprocessors Computer	* Hub, Rouder, Gateway, NTC, Modern, WAP, VPN etc.
(w)	# Artificial intelligence computer (AI computer)	
	Taylor - Parker - Taylor - Tay	
28/2		
	Fig. 1910 May Capp 1	



Date (/ /	Page Na 5 Pageock
1. PAN (average area: (ip to lo meters) 2. LAN (, ip to a few kilometers, April 50 m) 3. MAN (, ip to 50 kilometers) 4. WAN (, fipms regions, Countries of Continents) 1. PAN: A Personal Area Network is a small network designed by personal use connecting	9. MAN!- A Metropolitan Area Network is a type of Computer Network that spans a city or a large Camput. It is a than a local Area Network (NAN) but smaller than a wide Area Network (NAN) are use to Connect multiple petrotic LANS within a Metropolitan Area for scamless data exchange and resource sharing. Ext.
devices that are located closed and individual. The Network usually covers a range of few meters typically to meters.	ii A city government affires annewled through a centralized network. iii Unversity Campuses spread Across a meta- balitan area sharing resources. (iii) Cable T-V Network within a city.
Examples's in Connecting a Smart phone to a Bluetooth Cii) Using a Smartwakh connected to a Smart phone Cii) Wi-fi Connecting	MAN! A Wide A Network is a large Chimpuler Notwork that Connects devices and smaller Network (like LANS & MANS) across vast geographic areas such as cities, Countries at even Continents
9. LAN: A Local Area Network is a network that connects computers and divines within a limited geographical area, such as a home, office, school of building. It is designed for sharing sources like files, printers and Internet connections amount multiple	Examples: six The largest example of WANS. Gir Clouds & access - Accessing dala shered on temode server's.
devices Examples: i) Office Network Connecting Computer's printers and files servers. Go School Network Connecting Computers lab and administrative offices:	





Dala processing	Programa Control Code
> Data processing involves the collection organization transfermation and analyze of data to extract meaningful information there are the primary method of data processing.	• Advantages: (i) high accuracy reliability. (ii) Capable of processing complex data sets. (iii) Analyze data in real time.
* Types of tale processing:	Disadyuntages: in Initial setup costs are highestequires fechnical extertise. Sign placessing sales data using excel or analyzing frends which business intelligence last like the
1. Manual data processing to Data is processed manually without the use of automated tools.	4 Bakh Droom: T
+ Adranlages: in low (6st (no need by advanted) (ii) in expensive for small data sets.	Specific time. • Para Character splics! Not become
* Disadvantages: in Time-consuming and slow. Gir Analyzing data using ben or papper.	* Advantages Lin F. Coinnt Co. L.
2. Mechanical Dala Processing: Mechanical divices like typewriters, Calculatus or basic machine	(ii) Efficient for handleing large volume of v "
are use to processess data.	Disadvantages! in Cannot process data in real time!
· Advantages: · faster than manual processing. · Disadvantages: · Limited Oxpacity requires human in ventions.	processed monthly in batches
i.e.s using an abacus or a calculate.	5. Real-Time Data Processing! Data is processed instanta
S. Electronic Dala Processing: This is the most widely used method leday, where data is processed using electronic devices like computer and advanced software data is leads. Automated	the system. • Characteristics: in Require a continuous data stre- (ii) Immediate Redback and result.
and fast. Handles large volume of data affecently. Signature	e Advantages: ii Immedialo decisian making: (ii) Useful for time sensitivo.





	0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Orte //
	· Disavdanlages: Requires robust systems and	# Multi-programming! Multi-programming refers to the
	cii) can be costly infrastructure	capability of a computer system to execute
(%)	e.g. s ATM transaction conline licket booking,	multiple programs. Multiple program concurrently to
<u> </u>	or life stone market trading.	coefficiently utilization the CPUs time. It is a
	The side of the second	
1000		produ and ensure better issue utilizating.
#	Single user programming: Single-user programming	eustare berret 18800 ulitozalina.
10	refers to a computer seen a group where a	* key features of Multi-programmings
200	Single plag tammar is responsable for the design	
000	development and execusion of a data processing	+ Mulliple programs and the CPU switches between
	system or program. This solut is typically used	than based are aviability
	in small scale blodects, bersonal lask or When	• Etticient resource
	the scripe of the data processing works load is	• Increased through home
	limited and does no require collaboration with others	e.g. one program makes a gording date sel.
200	St. St. St. St.	• Another program may be performing coloulations
P	· key forture of single user programming:	on a different data sets.
		AND AND AND
i)	Independent controll The programmer has full	6 - 2 - 3 - 3 - 3
	control over the development process.	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
4		19. 19. 14. 14. 14. 14. 14. 14. 14. 14. 14. 14
GD	Simplified Communication: Since there is not	See at the Charles and the second
	form involhe there is no need code extensive	C. C. BAY
	Codimation	The second of th
ciin	Small scale Pased suited fat kisk	The state of the s
100	like data anlyze scripts reduse over head.	
3/2 .		
	· Advantages.L	Will So
Sec. 184		A 180 AN AN
	100 M 100 M 100 M 100 M	The same of the sa
110	Disamontogos!	
10.71	With the state of	8 14.80 18.41





			Date 2 / /
	Computer Security refers to the practice of	-	Type of computer security
	protective computer systems networks and data	1	Network Security:
- 0	from unauthorized access damage or mistuse. The	-	tip Proceeding potheries Com amount in
400	integrity of dates and resources, privanty maticinus		enclyption and antivirus softha
	action by unauthorized users of programs.	- 2.	Data Security! Safeguarding data through encription
-4	* Key features of computer security:		ACOU. ASSERTACE
1.	Confidentiality: in Fosurely that information is accessible only to authorized individuals.		Application security! Fosuring software is secure from vulnerability and mulicious exploits.
	(ii) Prevents unauthorized access to sensitive data	4.	Cyber security: Board measures to prevent and respond to cyber crimes and online threads.
2.	Tolegrity: in	007	
	in Protective data from unauthorized notification or in Ensure accuracy and reliability to information distraction.		Sources of Abreads Computer security)
3.	Availability !	>	The sources of compiler security threads can be
-(0-	in Ensuring the systems and accessible data to authorized a when needed.	38.	cartegaries based on their orgin ar intent.
	cii) Prevents distublions cause by attacks like DDas. (Distributed Denial of Service)		+ Types of Threads:
4	dullan landan!		External Apreads:
31	is verifying the identity of uses as device accessing the system.		in Hackers and cyber criminal - Individuals or groups aftempling to breach systems or financial gain,
V			data thele
	cii) Accountability tracking and recording user activities to identify and address any	G	is state sponsored ortals: Government or organisation conducting Cyber espionage/attacks for political or
- 1	security breaches.	5	ecomonics motives.
50	Signature	10	Signature







		-	Dres (, / /
- 0	Gij Compiledors : Pibble / Rink Combinicationpling	6	5. Human Sources:
	le steal information.		in Social Engineering! Manspulation of individual
- O	civa Tatarious Orginasion & Caroups aiming to	-3	tevents sepsetive information
	distubble creation infrastructure or spread fear.		Cir Phigras all and Printermation
	Comment of the commen	100	(ii) Phising attacks: Decepted emails at messages
	ly Third party Vandors: Vandors with in secure		tucking users into sharing informations.
	Systems or poor practices can expine orginasions	6	Perhalis Chara I was I
7	2000000		Supply Chain's use of unauthorized or malicious
9.	Tolernal Abreads !	137	Ploduck.
		17	
	in Disgraphed employee : current or Grand	Dott	Introduction 1 1 1 1
	employees with fauticens intent to have the	Ullia	Introduction to operating system and computer
- 3	orgination.	-	<u>otganization</u>
100	(ii) Negligent Embloyee; Mistakes or untensional		C. I. I. I.
ستكني	actions by employees such as clicking phising	-0	Intenduction to operating system:
3	links of Shating Senselive information		(25)
	A A CONTRACTOR OF THE PROPERTY	0	What is an operating system?
	ciii) Contractors: Partners or andiachis who miss	1	
-2	-use their access to systems or data.	Argi	An operating system is a system software that and
	Maria Cara Cara Cara Cara Cara Cara Cara		as a interface between the computer hardware as
.0.	Environmental source:	102	the user. It manages all hardware and software
- 0.	(i) Natural Disalara : Events like earthquakes,	100	resources and provide or smeath environment la
	Floods or fire cousing physical damage to		users to operate the computer assenting?
	it infrastructure.		
3			Function of an operating systems
100	(in) Archaelogical		The same of the sa
- 10	(ii) hard house fullacious & Mal Renchanting or	tin	Process Management's Manages the agriculian of
X	autidated hardware reading to security vilner		multible praceses in the CPU.
			manye prosere in the CPV.
h.	Technological sources:	20	112 21 11 21/20 11 21/20 11 21/20
The Co	of Charge vulnot availability + Buy of Light	-011	Memory Management: Allacates and manifers
100	Software that can be explosent by attackets		System memory for afformat use.
-	Gistinbarched System + Outdated systems locking	(iii)	Gilo Management: Handels the Slange access and organization of Piles Signature
1	critical securities updates signature		a tangardian of Riles Signature





Page Roi Dote 6 / /	Progression & Democratic
in Device Management + Controls input and author devices like keyboard, mouse and printer,	arrives for long ferm data strage.
w User Interface! Allows wers to intract with the system via(2020) a graphical user interface	3. Input devices: Devices like keyboard mowe scann and microphone which allow users to enter data into the computer.
Computer organization:	speakers which display or produce the result
* Computer organisation refers to the internal - structure and functioning of a computer system. It explains both different bardware, components both byether to process doub officiently.	5. Bus system: in Take bus! Transfers date between companents. (ii) Address bust kelps locate date:
* Main companents of computer organisation!	6. Input output system! Unages communication
sis ALV (Atishmetic logic Unit): The performs mathematical calculations and logical operation.	between input autput devices and he amount 7. Clock & Timing System: Condrais the speed and the computer system. Synchronization of all operation between input output Indicate the computer system.
siis CU (Ondro) Unit) - Hanages and ordinates activities of all compenents.	
ciii) Pogisters + Tompstarily Stero dala and instructions GI quick access.	
2. Memory: six Primary memory: Includes RAM (Temporarily 3. Strage for quick access) and ROM (permanent Storage for booking.	
Signature	Signature





500 (7 T	Page No. S
Overview of functional units of the ambuter. A computer system consists of several functional units that work by their to process date and execute instructions efficiently these unit ensure smooth communication between hardwate component enabling the computer to perform various lask. 1. Input unit: • The upper unit allows users to entered data and	Fetches decodes and executes instructions. Controls the flow of data between different funda finischional units. Registere! Small highspeed memory location insides the contemporarily stored data and instructions during execution. ext Accuration, instructions register program of
instructions into the Compulers it converts human recodable input into a machine readable Giracle.	instructions and results. It and as the computer Types of Memory: Morkspace.
* Functional unit? Acceps data from external	1. Primary Memory (Main memory): RAM: Volatile memory used for active processes.
• Convert data into binary later. • Sends the converted data to the memory unit for processing. • Sends the converted data to the memory unit for processing. • Sends the converted data to the memory unit for processing.	2. Secondary Hemory: Permanent data Shrage.
2. CPU(Central Processing Unit):	. Kighspeed Memory between the CPU and RAM.
instructions and process date to produce meaningful result it consists of 3 Companents: 1. ALU (Arithmetic Logic unit): Performs Arithmetic operations (addition, substraction,	. Sheres frequently access data for faster processing.
• Executes lagical operations (compression and ar pot).	
Ditect & Containates all activities of the computer Signature	





O. Different between R	om a pom P	Stored Program Concept
RAM	ROM	of modern computing 1st proposed by John
cio II is stands for Random Access memory.	cis T4 19 stands for Read	instructions (programs) and data can be stated in completes meanly and accessed when poorled this
sii) It is valatile in pature. Dala is last	(ii) It is non-valatile in mature. Data is retains	without requaring hardware modification.
when the amputer Short down.	even the Computer Shut	* key Prakures of the Stored program conspant:
Citi It is a short term	Gii) The is a long term	are stated in some meaning it easily to modify be
civ) A kemparaty memory that stores data	tion of permanent mainary that shows essential	and execute instructions sequentially from money.
by the CDI.	System obula	in momenty users can change them without alteri- the physical structure of the ambuter.
	trings of a	e Binary Representation: Instructions and data are represented in Binary (Os and 12) making processing affected
	(Q) (Q)	* Impact of the stated program concept?
- Calcut Sa	(0) (0) (0) (0) (0) (0) (0) (0) (0) (0)	Led to the development of general propose computers. Allows for the creation of modern operating system
100 100 100 1	- 300 CA	and Software application. Enabled programming languages and compiler based Computing:
THE WORLD'S	or too the	C The second sec









	Oute (/ /
II Pagia Da	· Variables shre value in memories.
# Basic Programming - Programming is the process of	. Data types: Define what type of data a
William Institution that a computer our understal	variable can hold.
and execute. These instructions called order de	Framble! a "Court" Hali
written using a programming language like python,	Example! a : "Sagar" # string
C or Java Script	a = 25 # Integer
1. * Key Foodsures of Programming Concepts	height: 5-6 # float
O O O O O O O O O O O O O O O O O O O	4 1 -
say Algorithm: do Algorithm in a plat I als	operators.
on Algorithm: An Algorithm is a step by step	4
process to solve a problem.	· Anthometic operators: +,-,*,/,%
· Take two number as input.	• Combatision oberalas: = = 1000 /< , ≥ , ≤
· Add them hypother.	· Logical operators: and , oh , not
• Display the result.	- Dissertant and many that the best of the
V C 11	ex: x= 10
by Programming Language:	825
Different programming languages are used	Sum= Ity
hated an burbase.	228 (7/f) 11012 11013
. High level language (Python, Tavo C++)-	Cantral Statement (flow Contral)
Easier to write and understand.	
FIGURE 10 1911s. The interest of	· Use to control the flow of the program
Late land language (Assembly marking ands)	• Conditional Statement:
Low level language (Assembly markine rode) -	er!- age = 10
Harriet but balast to willter	if age > 10!
	httpd ("eligible")
(c). Syplax & Semantics:	print ("eligible") else:
2 1 1 1 1 1 1 1 1	Print("not eligible")
· Syptex! The rules of writing code (like Gramma)	laster last
in english)	fat i in range (5): [i = variable]
· Somantics! The meaning of the code.	hetal (i)
	· Functions: A function is a block of remable
2. Pasic Programming Concept:	Functions of function (s a place of code.
The state of the s	def-greet (name): code.
(a) Variables 8 data types!	9100 (Meta) Signature
Signature	greet ("Sogar") Signature





Dose 7, 1	Page No. S
* Utiding and tunning a simple program.	Object attended programming.
1 0: 11 1: 11 11	Ultures fragionaling
A simple program to add two numbers	in Class: A blue print for objects.
0:1= 0:10	GIZ Object : An Trishage of class
b = 2	ciin Methods: Function inside a class
Sum: 046	The transfer (Think a (A))
print(Sum)	# Programming Languages
* Dehugging and error handling	m i manag tagages.
	Dragomming languages in a Comit and a
Frmi can accul while writting code there are	programming languages is a formal set of instructions that allows human to communicate
- three main types:	with Computers to develop software, application
The state of the s	- and systems programming languages can be
is Syptax errors: Incorrect code structure	classified based on their level of abstraction
(missing parenthesis)	and purpose.
(ii) Logical errors: Codes runs but give wrong	Chair Pariposi
Totalf.	H Types of programming languages
Gii Run dime errors: Fronts that occur while	the type of purposenty sugarges
tunning Colivision by Od	LOW level languages: These languages intrect directly built the computer hardware and are highly officient
	but difficult to learn
# for i in range (10): ? i- variable }	30. 20.00.00.00.00.00.00.00.00.00.00.00.00.0
heart ("conve")	Machine Congruence (Pirary ander On and 10)-
prine (sugar)	in the native language of computers
A 180 A 20 20	- cit pifficult for humans to read and write.
	art datation
A CONTRACTOR OF THE PARTY OF TH	- Accompaly Janguage (Symbolic tepterentation of machine
N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	code): cu uses manmones (Colon Crest) (Shart symbolic
	orde) - Just and of binary
1910 1912 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A DECLERATION OF THE PROPERTY
	(ii) Requires and assemblet to convert to machine ade.
S CONTRA CONTRA	est Move - a.b (move data from b toa)
Signature	Signature





2 High level language: High level language are casial to	2. Second Generation Assembly language - 1950 - 1960s):
white, read and maintain. There require a compiler or	
ar interprets to convert ande into machine language.	· Uses mormanics (Symbolic representation) instead of binary
Procedural languages (Based on slep by step instruction). O, fordran.	· Dequires and assemblet to convert it into machine language.
. Object oriented language (OOP)	. Forster to understand than machine code has but still
ex! Java, Python, C++	hardware dependent
. Funds Functional language Chared on malpernation Luncin	extin Mov . A. B
er- fackett	GD ADD A.C (This move data from B to A
uset use pure function without changing date.	and than Add C).
	3. Third (neveration (High-level languages + 1960 - present)
. 90 mpting language Cused for audomation and wich develop	
ext. Java Script, PHP	. Uses english like synhar, making programming ensiet
Markup and quety languages Cuse for data representation	and more partible.
and data base queries.)	· Requires a compiler and interpreter to convert
est HTML, SOL	into machine cade.
Power language Comment	· More abeliant roducing direct bardware instruction.
	ext C. languago
Sone ration of Trogramming Canquages	int a = b+c
/ 0 0 0 0	4. Fourth Generation (very high-level languages + 1970s-presen
> Programming languages have evalved over sime and	Specify Control and the
classified into five generation each offering	· Fracuses on problem-solving talker than both to execute task
improvement in usuablify officiently and authorition	. Regulars less coding making it faster and more protective
	· Mostely domen - statistic languages (DSLs).
1. First Generation (Shehipe language > 1940 - 1950)	
. Copyists of binary code (Os and 1.9) Which is directely	ex! (SOL) (structured overy languages)
understred by the computer	Company of the Compan
· Fast and officient but externely difficult to read	SELECT * FROM STUDENT WHERE AGIE > 18
and write.	popular languages - SOL
. No dranslatur required since it is the computers native	
This represent a machine instruction but it is unrecidable for humars.	Signature

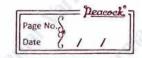




All code whites	Date NO.	Programa / /
5. Fifth Generalian (AI & VISUAL programming)		Gieneral functions of variables and constant
· Designing Let Artificial	Intelligence, Machine learning	> In programming variables and constant are fundam
and automation		concepts used to store and manage data.
. Uses logic based and v	isual programming instead	
of traditional coding		1. Variables: A variable is a named strage location
· Allows brograms to mail	co decision and learn their ann	meanty that hold's data and its value can be
og: python CAI Librati	es).	changed during program execution.
30	THE WALL DESCRIPTION	
- * * * * Funch	00° * * * * *	of Characteristics of variables:
Y THE THE THE THE		W 4. 200 - 2
* Sagar () -> Function	call	· Use to stored values.
* Gundran -> def	Dullen	· Value can be charge out anytime.
1/0 458	add()) function	. Have a name that fallows naming rules.
def add ():	add() Func	(V) (AV) (AV) (AV)
a= 5	Sub()	* Types of variables:
b= 5	mel(C)	and the second of the second opposite
brint (a+b)	direc)	in Local variables: Define inside a Struction and accessor
def sub();	70 mm 5 2 mg	only within that functions.
g= 10	18-1 TA VAN	cin Global variables: Deline outside all functions and
b=5	Carlo	Gir Gilobal Variables - Defile Constant
print (a-h)	out put	accessable through out the program.
def mul ():	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(iii) Instance Variables , (iv) Class Variables
a= 10	10	11 / 2/2/
62.5	5	9. Constant: - A constant is a variable whose va
print (a*b)	50	temains fixed through out the program and
def div ():	20	be change ones assigned.
at 100	4	be change and assignment
b= 5	100 15 00 (2000) 7	resilinica METHELE of Constant!
print (a/b)	Technical Marie	I Desile De Contact
print (a.ra)	Sagar Kumar Varn	Helps implaye code redubility and pleasure acci







	Ext-(i) PT = 3.14 (PT= T= 34 value)
50	print (PI) (output > = 3.14)
	GU CARAVITY : 9.8
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