	Assignment :- 1
1	Explain form elements with example.
Ams :-	In PHP, losm elements are used to
	collect uses input on 9 web page.
	They allow users to enter data, make
	selections and submit the information
	to a server for processing Here 15 pasic
	example of form clements in pttp.
	-> 1845 Caeate a simple html form with
	two elements -a text input and a
	submit button.
	<1 DOCTYPE html > .
	< html>
×	< head>
	< title> simple Form title
	L head?
	< body >
	<hi>> Enter your Name =</hi>
	<- from method - 11 past 11 action - 11 process. Php
	10 > 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	< input type = " text " mame = " name" pigreholder
	- " HOUR Name "7
	< input type = " Submit " Voice = " Submit" >
	<1-form>
	1 body >
	html
	14. 14. 14. 14. 14. 14. 14. 14. 14. 14.
	In this example the toom, has an input
	element with the type " text " and the
	name "name", when the user enters their
	name in the text box and circles the
	"submit" button, the tom data will be
<u> </u>	sent to the server - side PHP script

specified in the " action" attribute of the form element. > NOW lets coeate the 11 process. Php11 file to handle the submitted darta The first of the same of the s a < 9 Php min to if (\$ SERVER [" REQUEST _ METHOD "] = = POSTUI DE CIUTZON ULCE \$ name = \$ POST ["name "] 3 echo " Hello , " , \$ mame . " 1 success . " ; -> we check if the form was submit Using \$ I SERVER TIL REDUEST _ METHOD !! J = II POSTII. This ensure that the code inside the if block executes any when the torm is submitted vig the post method. and the sames the de a det point The use the echo statement to display the value of the s name on the scoren -> we decigate a variable & name and assign the stone & POST róm mit alle signa va sálte ser terms to the order of the annual sections -> The Form elements is collect the data through submitted via HTTP POST irmathodi gira i still yaven at the stories

Carlot Harry

Explain Passing Variables technique with
In PHP, abguments to a function can be passed by value as passed by value as passed by seference by default values of actual abguments absuments which become local variables inside the function Hence, modification to these variables doesnot change value of actual absument variable
when arguments are passed by reference change in value of formal argument is reflected in actual argument variable because the former is a reference to latter. Thus Pass by reference mechanism helps in indirectly manipulating odata
in global Space, —> it also helps in over coming the fact that a function can return only one variable
The PHP the Variables are passed through two ways (1). Pass by Value (2) Pass by references.
In PHP, Primitive data types cose passed by value, meaning a Copy of the value is sent to the function.
of the value is sent to the landthan.

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	2 Pass By Reference :-
	102. Pass By Reference:
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	Exemple of 8-11 12 22 12 12
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4-1	The function modifies the original
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	using the B' symbol.
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Assignment	°-9
- (SSIJII) IICIII	

Explain conditional statements of PHP Ans: conditional statements are used to perform actions based on different conditions some times when we write a program, we want to reaform some different actions for different actions we can solve this by using Conditional statements. if Statement :-The lift statements is used to execute a block of code condition is true. The condition is enclosed in paramtheses and if it evaluates to trave, the code inside the curry braces is executed. Example :-\$ a g e = 20 ; if (8age > = 18) & echo " you are eligible "; if - eise statement :-The lif - eise 1 statement allows you to execute one block of code if the condition is true and a different black of code if the condition is talse Example :-\$ temperature - 28 à \$temperature > 30) of

	Example 6-
	s day = " wednesday " is switch (\$day) &
	switch (\$day) of
1	case " monday " :
1	echo" its the stoot of the week "is
	53e9K3
	case "wednesday":
	echo " its the middle of the week "is
	baeak j
	Case 11 Foiday 11 :
1	echo " its the end of the week ";
J.	baeak in the same of the
l	default: with 5 - Mill - 12 1 2 1
rı ı	echo " its just another day 11 j
	borgk
	3
	I I I I I I I I I I I I I I I I I I I
4	Explain five My SOI connectivity tymctions
Ams 6-	Mysol is a popular open - soutre apid+10,79)
	data base management system it is widery
	used tox stooing managing and actoiving
	data in vosious application.
	1. mysali_ connect.c) :-
	This function is used to establish
	a connection to a Myspe database it
V 1 1	takes parameters such as the server name
+	username password and database name it
1	actums a connection object that con
- 10 ° - 1	be used to peoform various database
L	O Pe Totions
1	LDI.

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	5:3:3:4 × 1 + 610
Ī	2. <u>mys91i_c10sec)</u> :-
Ī	
-	This function is used to close
	the connection to the Mysol detabase it
i	takes the connection object as a parameter
-	Halkes the (all lection) object to
-	and terminates the connection.
	3. mysqii_select_dbc) :-
_	This function is used to select
	a specific database to work with it takes
	the connection object and the database
	name as pasameters once the database is
_	selected, all subsequent quesies and operation?
	Will be performed on that database
	4. mysqii querry () :-
	4. mysqii query () :-
	CALL AND PROPERTY OF MEDITION AS A SECOND OF THE SECOND OF
	This function is used to execute
	This function is used to execute a square on the selected database it
	This function is used to execute a square on the selected database it takes can be SELECT, INSERT, UPDATE, or
	This function is used to execute a squeezy on the selected database it takes can be SELECT, INSERT, UPDATE, or DELETE Statement it actions a acsult object.
	This function is used to execute a square on the selected database it takes can be SELECT, INSERT, UPDATE, or DELETE Statement. It between a desult object that can be used to fetch and manipularte
	This function is used to execute a squeezy on the selected database it takes can be SELECT, INSERT, UPDATE, or DELETE Statement it actions a acsult object.
	This function is used to execute a square of square of the spected database it tokes can be select, Insert, update, or desult object. That can be used to fetch and manipulate the lucy desult.
	This function is used to execute a square on the selected database it takes can be SELECT, INSERT, UPDATE, as DELETE Statement. It betways a desult object that can be used to fetch and manipulate the Juery desult.
	This function is used to execute a square on the selected database it takes can be select, this fit, update, as DELETE Statement. It between a besult object that can be used to fetch and manipulate the Jueny besult.
	This function is used to execute a squeezy on the selected database it takes can be SELECT, INSERT, UPDATE, or DELETE Statement. It setuans a sesuit object, that can be used to tetch and manipularte the Juery sesuit. 5. mysqui fetch assoc c):- This function is used to fetch
	This function is used to execute a Square on the selected database it takes can be select, insert, update, ox Delete statement. It between a besult object that can be used to letch and manipularte the Juery besult. 5. mysqui fetch assoc c):- This function is used to fetch and manipularte the sesult set as an
	This function is used to execute a sque puerry on the selected database it takes can be select. This firm, update, as DELETE statement. It between a desult object that can be used to fetch and manipularte the nuerry desult. 5. mysqui fetch assoc C) at this function is used to fetch a socult from the desult set as an associative array. This function is commonly
	This function is used to execute a sque puerry on the selected database it takes can be select, insert, update, as Delete Statement. It betways a desult object that can be used to tetch and manipulate the lucy desult. 5. mysqui tetch assoc C):- This function is used to tetch and manipulate of the sesult set as an associative assay. This function is comment used in a loop to tetch multiple dows
	This function is used to execute a sque puerry on the selected database it takes can be select. This firm, update, as DELETE statement. It between a desult object that can be used to fetch and manipularte the nuerry desult. 5. mysqui fetch assoc C) at this function is used to fetch a socult from the desult set as an associative array. This function is commonly

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6 What is around I applain any five accord An among in purp is a dara structure that can had murine values of different Trailline values wing a single variable. La Count Co Zen count of elements in on and sound the total count of elements ilm: the moon was to the property is high 2. crosay push co 8-1 The correct push c) function is used to add one or more elements to the end of an errory. The function modifies the coising arony by adding the clements at the end 9. <u>crossry Pap CD</u> %used to somotion is element of m doory, it telkes the commany as a personmeter and removes the 19151 element from the groon The removed element is returned as the - I'm chi on 15 acsult.

4. aeeah _ meede C) :-The crossy mesge () tim ction is used to meage two is more grows into a single assay it takes multiple assays as parameters and combines them into a new crossry. The desulting crossry contains an the elements from the input crossings. 5. growy - search c) :-The array search is function is used to seasch for a specific value in an creary and seturns the corresponding key if bound it takes the value to be searched for as the first parameter, followed by the crossey to be searched 6 Explain Class with example in PHP Ans &- A class in PHP is a blue point for corating objects it defines the properties and methods that an object of that class can have. 7 The properties represent the state or characteristics of the object, while the methods define the behaviour or actions that the object con perform my caeciting objects from the ciass, we can assign specific values to the properates and call the methods to perform actions specific to each object

A S Section Control class called " person ". it could have Properties like "mome!, "age" and "gendes! and methods like "saythella" or " carculate Age (1) 11 -> classes here obsenize and staucture code, making it easies to manage and Example of CIASS 3-1 Marin . + ---Public & bound; Public of Poice; missing to the Public function Start Engine Color action " the case engineer is stooting) "; Public function accelerate co of accelerating 1113 Public function booke () actum " The colo is booking ! "; 13-1 - 1-1-15 DY - 1-1-16 DY - 125 (13) 3 - The applies a start bearing \$ mot - new coot (); \$ cast -> bound - "Footimes"; \$ (901 -> (0100 - 11 Red 11) \$ cood > Poice = "1 25000"; echo \$ (901 -> Stant Engine (); echo & card -> accelearate (); echo & cort -> bouke ();

	Assignment 3-4
	How to execute PHP Scoipt using Python and Python scoipt using PHP ? To execute a PHP scoipt using Python in more detail you can use the sub Process module is sun as timetion.
1 1 2	impost subprocess
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	OUARUT = DESUIT. STRONG = TURNO
	ounc) - function to oun the PHP scoipt.
	Php1 J1 argument specifies the command to execute.
0	and 1 path 1 to 1 your 1 scoipt. Phpl is the path to your phpl scoipt.
	The PHP Scott and decode it as text
	The output of the PHP scoret is stoodd in the 1 stdout 1 arroibute of the 1 desurt 1 abject.

	To execute a python score using PHP
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	exec (1 python path 1 to 1 your) scoipt. py !
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-	In this example, we use the rexecci
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	argument specifies the command to
. 1	execute, where I path / to 1 your / scoint. Pyl
	is the Porth to your python scorpt.
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	output) to concatenate the assert
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8 Explain Flack acquest object with example Ans: The Flask 1 request 1 object provides access to incoming request data in Frask sent by the cirent, such as from dates, querry, parameters, and headers. python from figsk impost FIGSK aprivest app = Flask (mame) @app. route (1/example 1, methods-['POST'] def example (): name - request from get (Ingmel) (19gp) - Jenuest . 985 . 19et (19gel) Usex gent = zequest headers get (1 user_ Agent1) actum f " Hello & name & , you are & age 3 years old. your user - Agent is of user - agent ? !! it name -- 1 main 1; CIPP. OUM () -> In this example, we define a Figsk route / example | that accepts a post sequest. To so -> Inside the route function, we can using the incoming acquest date To acress from data we use 1 zervest . from . get (mamei), where inque!

	is the name of the form field
	similary to access avery parameters we
	use beguest aggs get (1990), where
1.	lagel is the name of the query
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	> we can cliso circess headers using
_	1 acquest . headers get Cluser - Agent 1), where
	1 user - Agentilis the name of the header
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	> Finally we reprocess the data and
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-	values but to the time the
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	> In 14his11 example, we between a stoing
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	> Remember to import the necessary
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	son the Flask application using
	1 app. sum C)!
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-	This attailable give you access
	the form data submitted with a
	POST Strucst. you can selstive form values
	using the 1 get () 1.

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This attaibutes allows you to across the arrowst.
3. Deguest. headers :-
This attaibutes provides access to the headers sent with the request.
s. acovest. Method :-
This offsibute gives you the HTP method used in the sequest, such as GET, POST, PUT, DELETE etc.
5. Bequest files &-
This attailates allows you to access files uploaded with the sequest you can setalize file data using the get of method.
- 1 4