PRAKTIKUM PEMROGRAMAN WEB

SEMESTER GENAP TAHUN AKADEMIK 2021/2022

	Tanggal
	Materi
OBJEC	T OPIENTED PROGRAMMING (COP)

PRODI SISTEM INFORMASI FAKULTAS TEKNIK UNIVERSITAS NUSANTARA PGRI KEDIRI

BAB I

DASAR TEORI

	oup athan class dan object. Class athan deneralisasi definal sesuatu. Class
	dapat dipanding Selangai cetat biru obsek yartu impermentasi yang speafik dan
-4	Toward and and a complete and a comp
	many culturally forlands handle ballyar melticular (a)
-	Carrolanda deputa della post información l'ultilia i l'all'all'all'all'all'all'all'all'all'a
	marchaguer HTMI du Maring maring hal tersebut acrost according
١	model the class kade defat alremberg search mandel dengan
	memisahkan tang tidak terkali (walovan berinteraksi) elemen.
-	Disamping the Juga mempermedah membent Perawatan dan update kade.
	den mentederhanakan debunggung
de	⇒ CN35
	Secura Sintat idefinisi class dimuni dengan leata class . Yang dilikuta
-	dengen hamo closs tersebut that close thek have maken the
	reserved word. Selanguthyou norm class dilkuti dengan kurung kurawai buku
	do toup.
	Method down class down dragan know Function Young dilkum dergan
	hama method Serta argumen. Atribut datam chas didefinisitan sebata
_	Vanaba yang terdiri 3 Jenis yaitu Public Private dan Protected Luman
	dan Sebuah method dituliskan menggunakan kata return
=	class matematika f
	Function tambah (\$4, 8b) f
-	\$c = \$a + \$b;
	return \$c:
-	The state of the s
	3
-	⇒ obsect
	OOP digitalian merally and
	mergernokan class tersebut dengan membera sauce als stedun.
-	Instance), until membliothele down
Ì	THE PARTY OF THE P
-	THE CENTAGE I
	\$ object -> methods menggunakan sintak object -> contub
-	\$ object -> method Hame (); untuk mengakses truperty object digunation
1	Contah;
1	Class makmatika {
	Fungtion tambah (\$4,\$6) {
1	\$ C = \$ a + 8 b ;
	3 Ceturn & C;
1	
	3 math & new maternatika ();
1	\$ bu 2 - 5:
1	\$ hospi . & math -> 4ambaih (\$ bill, \$ bill 2);
	echo & hami;
	The state of the s

alam (loss toring Sama mengolinakan kata this. Pholis Class maternatika { public \$Pi = 3.14; Finction tambah (\$a,\$b) { sc.\$a + \$b; return \$c; } function knadrat \$c\$ public \$Pi = 3.14; Furction knadrat \$c\$ public \$Pi = 3.14; return \$1 x * \$1 x; } furction knadrat \$c\$ public \$1 x \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		method dimongkinkan untuk metakses property atau meho
public \$Pi = 3.14; Public \$Pi = 3.14; Function tambah (\$a,\$b) £ \$c.\$a+\$b; return \$C; \$ Function knoward (\$\$\tau\$) \$ return \$X * \$X; \$ Function Kelling Implement \$\$\frac{1}{2} = 2 * \$\frac{1}{2} \frac{1}{2} 1	hh	class yard Sama mengamakan kata this.
CLOSS MATERNATION { public \$Pi = 3.14; Function tambah (\$a,\$b) { \$c.\$a+\$b; return \$c; } purction kwadrat (\$\$\text{\$x}\$) { return \$x \times \$x \times \$x; } Function kealing_limblewan \$kei = 2 \times \$fhis \to \$Pi \times \$r; return \$kei; } function lwas_limplearan (\$r) { \$ lwas = \$fthis \to \$Pi \times \$fthis \to \$kondins (\$dr); return \$1 \times \$1; } \$ lwas = \$fthis \to \$Pi \times \$fthis \to \$kondins (\$dr); return \$1 \times \$1; \$ lwas; \$ lwas; \$ loostructor adams method sarg diasewel searce otomatis Performance on the class alternative \$fthis \to \$pi \times \$fthis \to		
Function tembrah (da, \$b) {		
SC. 84 + 8b; return SC; 3 Function knadrat (\$\frac{1}{2}\$) \(\frac{1}{2} \) return SX * SX; 3 Function Kelling_Waskuran \(\frac{1}{2} \)		Public \$ Pi = 3,14;
SC. 84 + 8b; return SC; 3 Function knadrat (\$\frac{1}{2}\$) \(\frac{1}{2} \) return SX * SX; 3 Function Kelling_Waskuran \(\frac{1}{2} \)		Function tambah (80, \$6) {
return \$c; 3 Function knadrat (\$\frac{4}{7}\$) \(\frac{4}{7} \) return \$1 \times \t		8 c · 8 9 + 8 b ;
Function knadrat (\$\frac{4}{2}\$) \text{ Teturn \$1 \times \text{ x x x x x } \$\$ function kelling_limblewan \\ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$		
Function X * A X 3 Function Kelling - Implement \$ kel = 2 * \$ \$ this -> \$ \$ \$ 1 * \$ tr; Inform A kel ; 3 Function Luas - ling fearam (ar) { \$ luas = \$ this -> \$ 1 * \$ this -> koadraf (&r); Inform \$ luas ; 3 Director \$ luas ; 3 Director \$ dairn method Constructor Constructor Constructor Constructor Constructor Constructor Constructor Constructor Constructor Constructor Constructor Constructor Constructor Constructor Constructor Constructor Constructor Constructor Constructor Constructor Constructor	Perindent School SP Sec.	
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Furtion Keliling - limblewan \$ kel = 2 * \$ \$ \text{firs} - 3 \$ \text{Pl * \$r}; \text{Teturn \$ kel;} \$ the chim loas - ling faram (4r) \text{E} \$ luas = \$ \text{firs} - > \$ \text{Pl * \$ \$ \text{firs} - > \text{koading (\$ \text{A} r);} \text{Printin \$ loas;} \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(Actividade) California (1817)	
Skel = 2 * Sthis -> SPI * ST; Teturn Skel; 3 Function loas_lingteram (ar) { 8 loas = St this -> PI * Sthis -> konding (Ar); Peturn S was; 3 Onstructor Constructor Constructor adams method long diasekusi seara atomotis Rectamble Constructor class alternation mendal, sebuah obset Cons maternativa { Public SPI; Function_construction() { \$ this -> PI = 3.14; 3 Function keining_lingteram (3r) { \$ stel = 2 * Sthis -> SPI * Stri		3
Skel = 2 * Sthis -> SPI * ST; return & kel; 3 tunction luas_lingtaram (ar) { 8 luas = St this -> Pi * Sthis -> konding (Ar); return & was; 3 onstructor constructor constructor adams method large diasekusi seara atomatis Rectamaka contrat sebrah class afurunkan mendadi sebuah obset cons maternativa { Public & Pi; Function - construction() { \$ this -> Pi = 3.14; 3 Function keling_lingtaran (3r) { \$ stel = 2 * Sthis -> Spit tr; }		Function Kelling - linglaran
Teturn 9 ke1; 3 tunction luas_lingtaram (qr) { \$ luas = 9 this -> pi # 9 this -> koadian (9r); Peturn 9 luas; 3 Dinstructor adam method yang diaksekusi seara atomatis Reformaka british = class atherinkan mendadi sebuah obset Chas materialika { Public 9 p; Function - construction() { \$ this -> p = 3.14; 3 Function killing_lingtaran (9r) { \$ like = 2 # 1 this -> 9 p t tr;		\$ ker = 2 * \$ + his -> \$ P1 * \$1;
tunction loas_lingteran (qr) { \$ loas = \$1 this -> \$1 * \$1 this -> koading (\$1); Petuto \$ loas; } ponstructor constructor adam method sang diakselosi seare a atomatis Reference control sebuah class alternation mensadi sebuah abset cons materialira { \$ public \$P_1; \$ this -> \$P_1 = 3.14; } Function = construction() { \$ \$ this -> \$P_1 = 3.14; \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		return 9 kg1;
S luas = \$1 this -> \$1 this -> \$conding (\$1"); Peturn \$1 uns; 3 Director of the structure of the second of the		
S luas = \$1 this -> \$1 this -> \$conditat (\$17); Peturn \$1 uns; 3 Director of the method and divisers search atomatis Rectanded south sebuah class differentian mension sebuah obset Constructor construction () { \$ this -> \$1 = 3.14; \$ function construction (ar) { \$ \$ leg = 2 * \$ this -> \$ \$1 * \$ this -> \$ \$1 * \$ \$ \$ \$1.50 * \$ \$ \$ \$ \$ \$1.50 * \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		tunction luas_lingtaram (ar) {
onstructor adams method yang diviserusi search atomatis Rectamakan sebuah abset constructor adams method yang diviserusi search atomatis Rectamakan sebuah abset construction: construction () { y this -> p = 3.14; } Function kuwag lingkaran (gr) { g'bei = 2 * sthis -> 2 p + 4 r'		8 lugs = 9 this -> PI & this -> kandra (Ar)
Districtor Constructor adam method yang diaksekusi seara atomatis Reformation Control sebuah class alternation mendadi sebuah abolet Const maternativa { Public & Pi; Function - construction() { 4 this -> Pi = 3.14; 3 Function keliung_lingtoman (gr) { 4 legi = 2 * 4 this -> 2 pi + 4 pi; 1	-	TOTAL S UNC!
constructor adams method song diaksekusi seara atomatis Rectamaka contat sebuah class alturunkan mensadi sebuah absat constat: const materiaka { Public &P Function - construction() {		The state of the s
onstructor adams mathod tang diacselasi search atomatis Rectamake and sebuah about servances and sebuah about servances maternatura { Public Π Function - construction() { \$ this -> Pi = 3.14; } Function keling_unokaran (3r) { \$ 'kei = 2 * 1 this -> 2 Pi + 4r' }		And the state of any or the state of
Function - construction() { \$ this -> Pi = 3.14; } Function king_unokanan (ar) { \$ like = 2 * sthis -> spittr'	cut o	sebuah class difurunkan menada sebuah obset
Function knowng_unokanan (ar) { \$ like = 2 * 1 this -> 2 p. 4 tr'	cut y	ctor adaran method yang olocsekusi seara otomotis Rertamaka sebuah class ahlurunkan mensadi sebuah obset cass matematika f
Function knowng_unokanan (ar) { \$ like = 2 * 1 this -> 2 p. 4 tr'	ant i	ctor adams method yang diasekusi seara atomatis Rectamaka sebuah class ahlurunkan mensadi sebuah obset cass maternatika E Public St.PI;
Function keiling_unokanan (3r) { \$ tel = 2 * stms -> 2 pl * tr'	ontoh	ctor adams method yang olocsekusi seara atomatis Rectamaka sebuah class alturunkan mensadi sebuah abset class matematika E Public St.Pi; Function—construction() f
4 cel = 2 " 1 ths -> 1 p1 + tr'	CHT	ctor adams method yang olocsekusi seara atomatis Rectamaka sebuah class alturunkan mensadi sebuah abset class matematika E Public St.Pi; Function—construction() f
4 cel = 2 " 1 ths -> 1 p1 4 tr'	CONTENT	ctor adams method yang olocsekusi seara atomatis Rectamaka sebuah class alturunkan mensadi sebuah abset class materialisa { Public stp; function-construction() { \$ this -> pi = 3.14; }
3 Teturn & Ken;	cut onth	ctor adams method yang oldisekusi seara atomatis Rectamaka sebuah class alturunkan mensadi sebuah abset class maternativa { Public stp; Function - construction() {
	ontoh	ctor adams method yang oldisekusi seara atomatis Rectamaka sebuah class alturunkan mensadi sebuah abset class maternativa { Public stp; Function - construction() {
	ontal	ctor adam method yang olocsekusi seara atomatis Rectamaka sebuah class alturunkan mensadi sebuah abset class matematika { Public & Pi; Function - construction() {
	onthin	ctor adam method yang olocsekusi seara atomatis Rectamaka sebuah class alturunkan mensadi sebuah abset class matematika { Public & Pi; Function - construction() {
	ontoh	ctor adam method yang olocsekusi seara atomatis Rectamaka sebuah class alturunkan mensadi sebuah abset class matematika { Public & Pi; Function - construction() {
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	ontah	ctor adam method yang olocsekusi seara atomatis Rectamaka sebuah class alturunkan mensadi sebuah abset class matematika { Public & Pi; Function - construction() {
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	orth orth	ctor adam method yang olocsekusi seara atomatis Rectamaka sebuah class alturunkan mensadi sebuah abset class matematika { Public & Pi; Function - construction() {
	orstructure on the control	ctor adam method yang olocsekusi seara atomatis Rectamaka sebuah class alturunkan mensadi sebuah abset class matematika { Public & Pi; Function - construction() {
	orth contain	ctor adam method yang olocsekusi seara atomatis Rectamaka sebuah class alturunkan mensadi sebuah abset class matematika { Public & Pi; Function - construction() {
	ortal contal	ctor adam method yang olocsekusi seara atomatis Rectamaka sebuah class alturunkan mensadi sebuah abset class matematika { Public & Pi; Function - construction() {

BAB II PERCOBAAN DAN LATIHAN

```
Percobonn 1
   <? Php
   class matematica f
        Private 9 Pi = 3.19;
         Function tambah (14.96) f
              gc · $a+8b;
              return &c;
         Function knowled (4x) {
              Peturn $x * 9x;
         Function Kelling_lingkaman ($1) {
              $ ke1 : 2# $ this -> Pi * $r
              return & kej;
          Function luis linglaran (91) {
               glung : 9 this -> Pi + $ this -> knowleat ($1);
               return $ lons;
     $ math = new maternatika ();
     $ 2011 = 10;
     $ k1. lingkaran - & math -> kelling_lingkaram ($ Arr);
     & lung lingkaran : & math -> lung lingkaran ($ 2011);
     echo "Menghtung kening dan Luas Lingkaran (bt);
     echo "Jan - Jan : ", & Jan, "Chr);
echo " Kelling = " (& kel - lingkaran). "Chr)";
      echo "Luas = " . I lux lingkann;
   ?>
Percobann 2
=) Class - matematika. Php
 < ? PMP
      Class maternatika &
            Phuate $Pi. 3.14
            Punction tumbon ($0, $6) &
                $C = $a+$b:
                return sc;
            Function Kurdrat (4x) {
                 Proton $x 4 4x;
```

```
Function Keiling-Ingkaran CST) &
                  $ ker = 2 4 $ this -> Pi 4 $1;
                  return & kel;
              Function luos-lingkaran (Sr) {
                 $ luas = 9 this -> pi + 5 this -> buckerat ($r);
                 return & los;
   27
=) lingkaran. Php
<? php
          include 'Class-matematika. Php;
          & math = new matematika ();
          $ Jan = 10;
          $ ker-lingkaran - & math -> keliling -lingkaran ($ Jan);
          $ luns-lingkaran = $ math -> was-lingkaran ($ Jan);
          echo "Menghitung Kelling dan Las Lingkungan Chry";
          echo "Inri-Jari: ". 92111. " 4bry;
          echo "kelining = " . 9 kel_lingkaran . " Cbr)";
          echo "Luas = ". $ luas - hhakaran ;
      ?>
 LCHIMAN 1
  -
 <? Php
  class balok {
      Private &P; Private $1; Private $1;
      Function 1 - bornk (SP. SI) {
          $ this -> P = & p; & this -> 1 = $1;
         eeho "luas = ", $P. " x ", $1," = ", 1 this -> p * $ this -> 1," cm
         < SUP > 2 4/ SUP >";
       Function hilling-brok ($P.$1,$+) {
           $ this -> p = Ap; $ this -> p . &p; $ this -> 1 = $1;
            echo "vourne = ". sp. " x "-$1. " x". st " = 1. $this ->p + $this
            ->1 * Sthis ->+ " cm (Sup) 3 </ sup);
        Function
                  form_ httmgbalok () }
                 'S Form mythod = "GET" >";
            echa
                  " (hi) was dan volume book (/hi)";
            echo 'Ch3> 151 data </h3>';
echo 'Lbr' Ranjarg: ';
            eent 'Lbry < input type = "text' name = "P" Place holder =
            "masukkan hiki! > (m Cbr);
            ceny 'Lbry Ichar ! ':
```

```
echo 'Chr) < input type . " text " name . " | " Phicholder . "
              mosukkan nilai"> cm cbr);
               echo '<br >< Input type = "text" name = "t" Plach older = "
               malkkan niai"> cm (br);
               echo 'CP Style = "margin-lect: 15 Px" XInput type = 1 Submit"
               hame = " submit " wive = " history " >"
          $ hitung - barok s new borok;
          9-basok + new basok;
          & h(hvng-brok -) form - hitungbarok ();
           IF ( 1584 (4-66T ['SUDMIT'])) {
                SP . 4 - GOT ['P']; SI = S-GET ['1']; S+ . S-GET ['+'];
                echo $1-bolok ->1-bolok ($P.$1);
                echo "Lbry";
                echo shitung-book -> hitung bolok (Sp. $1, $+);
      ?)
Latthan 2
L?php
      Class boin &
      Private 81;
      Public 5 ph = 3,14!
    Punction luce-bola ($17) &
       gthis -> r=gr; sp2 =-gthis -> r * gthis -> r;
       $ luas = 4 + 9 +his -> -Phi + 972;
       ECHO 'Was = 4 x', $this -> Phi. 'x', $this -> r'(SUP) 2 < (SUP)=
        . (sunc). 'an Loupy 2 Cloup > Cbry';
     Function Ubola (91) 2
         $this -> r = gr; gp3 = $this -> r * $this -> r * $this -> r;

$ vowme = 4/3 * $this -> Phi * $P3;

echo ' Volume = 4/3 x ; $this -> Phi. 'x'. $this -> r. ' (sup) 3

</sup> = ', ($ volume). 'cm < sup) 3 < /sup) < br> ;
      Furting form hitungban () }
           echo : Cform method = "GET" >
           echo "Chi) hitmig luas dan volume bola </hi>
echo 'Juri-Jari - Zinput type = "text" name = "I "Placeholder.
            = "masukkan dri-Jani"> Cbry'
            echo 'Corx Input type = "Submit" nom - "Submit" Valve =
            "hitung" > ;
  $bon = New bala;
  $ bold -> form_ hitungipole
   IF (150+ (5-GET L'11)) f
```

```
91 - 8-GET ['T'];)
              echo "Jary - Jary = " . $r . " cm (br)";
              echo $ bola -> was - bola (81);
             eno show -> vboia ($ 1);
     ?>
Latthan 3
4? Php
  Class konversionian &
      Public Shila !
      function Mai ($2) {
           $ this -> hilai = $ 2;
       Function konvers () {
            IF C 9 this -> DIM C-100 && 9this -> NIM >= 85) { 80 rade='A';
            Beiser (4this > him <8588 8this > him) = 25) f & grade = 'B';
            3 eight (4this ->nila) 67522 $this ->nila) >= 65) {8 grade = 'c';
            Zeiseif (9th x→ nro) < 65 && $this→nia1>= 55) {$910+6. 'D';
           3 else & & grade - 'E';
           } return & grade;
       Function form- MINI () {
           echo 'Lform mathod = "667">"
          echo " chi) konversi Miar (/bi)";
echo "( input type = "Submit 'name = "konversi");
           echo 'L/Porm >';
   $ Score = new konversibility;
   $ score -) form_n(m ();
   1= (LSSE+ ($-GET) ['konversi: ])) {
       echo niaj: '. $ - GET ['himi']:
       echo "Lbr) nua dikanyersi : ";
       $x = $ score -) mia ($ - GET ['nimi']);
       echo $5core -> paniersi ();
  37
```

BAB III TAMPILAN PROGRAM

Percobaan 1







Latihan 1







Latihan 3





BAB IV KESIMPULAN

Class Obje	dan oup	dan (m	ctructor_	Sticpt Jadi (topal i	diselask	an bah	wo
mahasiswa	dopot men	nohomi	tonsep	Object	oriente	d Pro	grammi	ng (DOP)
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