Page No D

S M T W T F S	Date:
Final-Term	Paper
Object oriented	Programming
Mame: ASHFAG	AHMAD
Reg No: 19PWCSE	1795
Section: B	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
Date : 11-03-2	2021
	×× —××
	and the second second
	at de la
	and the second
The state of the s	
Castelli	

SMTW	TFS	Da	te:
R	2 NO (	1)	*
	140 (	1/	
	t+ Prog	Yavn	
		1 1	2000
# Incl	ude 2 lost	recivis	
Using	namespace	Stds	
Class	bank a	ccount	
& Pariv	aik:		
Che	n name (?	20 ;	
char	r account -ty	Pe[30]	
Int	account_n	mber;	7
Int	balance:		
Publi	c! Initia lize		
Yord	with lize	()	*
2	( ( )		11
Cout	co /N ent	N Account t	3 lder
	name:		,
	13 (Manne )	al Account to	100.
Cocks	s (account -t	100 1	14.
- Je	5 ( 2000 00 00 2 1	ate is	
( oul <	cc" In enter	account no	:";
e in	>> a chimt	simber:	
Cout	culn en	Her balance +	9
	deposite:"	ten boulance t	
cin	>> balances		
Z.			
3			
Moid	deposit		
\$			
1~	to deposite		
Cout	LK"/n e	nter the a	mand
	to deposite	" "	
	P'F	7 4 0	277
1	Cas	telli	

S M T W T F S	
Cin >> bal;	
balance + = bal.	
Cout <<"   m Amount deposited	
Currentally Los Malor Alin	
Successfully In Your New Lalances	
Establica (	
Noid check ()	
\$	
And bal?	
Coutec" In Your balance:"	
Coutec" In Your Isalomice:"  < balance << "In enter amount  ""	
to withdraw: ";	
Civiss bal;	
if (bal <= balance)	
\$	
balance = bal;	
Cost <<" In Remaining balance:"	
7	
else	
exit (0);	
7	
3 1	
Moid display ()	-
Cout << "   n Name:"	-
Cout << " In balance: << balance;	
Cout ec " In balance: « balance;	
7 3	
To Closes SND	
	-
04799	
	-
Castelli	

	SMTWTFS	Date:
	Moid main	
	3	
	Int i:	
	clyser ();	
	Bank lok;	-
	bk. Initialize();	/
	Cout << " Initialize ();	atim Ina.
	Deposite (n3. with a	moln enter
	You charefu";	
	(in>> i; (i==1)	, r
	1 (1 = = 1)	
	bk. die play ();	
	7	· · · · · · · · · · · · · · · · · · ·
	else if (i = = 2) }	
	bk. deposite (); } else if (i = = 3) {	,
	bk. check (); }	7-4
	Nieuwen	
	getch();	7
	14	
	3	
	X X X	Ł Y
	0 7 0	
	PTTO	
	and the second s	!
	in a contract to a contract of the	
		*
		~ ~
	4145 mail -	
	Marie Control of the	78
	and the first	A STATE OF THE STA
	1965 . 17.5m	
	Castelli	
A 11.07		San Control of the Co

	S M T W T F S
	Q No 2
	# Include < lostream>
	Class CFloat
	\$
	Private:
	that a:
	PO6/12:
	CFloat (float C)
-	d = c;
	76
	float operator + (float 6)
	<i>ξ</i> ', '
	return a+6;
	flocit operator - (float b)
- 7	2 return a-bi
	9
	float operator * (float b)
	7
	return a *b;
	Plant operator / (Clout L) S
	float operator / (float L) {     return a/bi
	6
	Z; - (Class End)
	(nt mais ()
	(CFloat c(22.41))
	float d= c + 40.5;
	,
	P 4140
	Castelli
1	



	S M T W T F S
	Couter decendli d= C-40.5;
	cont << d<< endl;  d = c * 40.5;  Lord << d<< endl;
	d = c = 40.5;
	g - CITICE,
	d = c/40.9; Covtec d cc endl;
	return 0;
	2
	X X X
	Q No 3:
	# Include < Conio, hs
	# Include < math. h>
	Class Reci,
	Class Polan
	float a, 7;
	public:
J. 1	polar ()
	( 0 = 0;
	3 = 0;
	Polar (float a1, flood v1)
ν,	\$ 0.15
	$o_1 = c(1)$
1	2 7-725
	Noid put Data ()
	P P T P 8
	Castelli



SMTWTFS	Date:
}	
Cout ex " In Polar Dala Cout ex " In A = " ex a ex	و ۲۲
Cout << 4 /m A = 11 < 9 < 5	11 R - 13
<< 9<< 1111 ·	3///
\$	*
float getal)	
5	
return a;	3
2,	,
fload gets ()	
	-
return v;	1100
26	
Es (class END)	· ~
	· · ·
Class Rec.	
P	and in last
float n, y;	<i>F</i>
Public: Ree()	
(Kee()	has I'v
7	
D' C D D D D D D D D D D D D D D D D D D	
Ree (float ×1, float ys	) }
$x = x_1$	a second
7 = 11, 4	
Moid PutData()	
(mt (a) p 1 p 1"	৩
Cout << "  n Rect Data"  Cout << "  nx = " << n << "	31 11
$\frac{(N)}{N} = \frac{N}{N} = $	) =
2. 422	
Ree (Polan P) &	
N= D OLOT 1/1 ( ac (2.11)	* D a -t- (1/ )
X = 1, (c) 1 (1 (0) (5)14	( Jeige 180)
x = P. get y ()* (os (3.14) y = P. gety()* (in (3.14)* p. get	~(/(80))
047796	1,26
Castelli	
•	

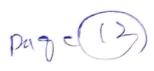
SMTWTFS	Date:
friend Recoperator	+ ( Rec & rl,
Rec E	, 12)
\$ 1:	
Rect Y3;	
73.x=71.x+72.X°	
13.1 = 11.1 + 15.1;	8.4
return v3;	er i garegatik d
2	
Operated polar()	, a
4	
return Dolan (citan	(x/y), sqr1(x*x
	+4*4);
2	
~~;	-
3 2	55.4 - 49.4 ° C
Int main ()	- 2
<u> </u>	LUCE CARREST
· Claser ();	induction to
float Pa, Pr;	Classi
polar P2 (4,5);	
DOION P1 (2,3);	- A
polan P3;	Apol I Y sail
Rect 71, 72,73;	would be made
$\gamma_1 = \beta_1$	
N2 = P2;	Charles and Company
N3 = 11415	, · · · · · · · · · · · · · · · · · · ·
73 = 18,	I de la
73. Put Data();	
proportional (),	1 Carl
ant ch ()	7
getch ();	with the
Jeron Os	Table of the same
The state of the s	Little at and
Pot	2 0
	-
Castelli	



	S M T W T F S
	Output:
	Rec Data
	X=7.98601, 7= 0.453251
	Polar Data
	PElan Data A= 1.5141, R=7.99886.
	and the second second
	CY NO => 4
	H Include Clostrams
	Using namespace std;
	Class Shape
	7
	Public: double a, b;
	Void get_data()
	Cin>>9>>6;
	virtual void display_arca()=0;
	- 4,
	class Triangle: public shape
	\$
. 4	Public: Void display_avea ()
	Cout ce Area of Triangle
	<0.5 * a * b < 2 endl;
	The advanced in the many state of
	20° Comment of the second
	2 7 2
	P - 140
	Castelli
'	

S M T W T F S	Date:
Class Rectangle: public	Share
Ş	
Public: noid display	area ()
Coutec" Area of Ree	temale"
< ax b << endl;	<u> </u>
43	. 1
Int mais ()	
<u></u>	w
Triangle ti	787
- Stapes	40
Shape St = Et; Cort ec " enter base & St -> get_dat();	17
Cost ec enter base &	altitode:
St > get_dat();	
St -> display_avea (1)	
Paul ala Na	
Rectangle v; Shape &sy= Ev;	
Shape \$51= 67;	
Cout << " enter long th	and breaks
SI-> get_data ();	
Sr -> display - grea ();	
	- 2
return O:	
Land the same of t	
3	
OUT PUT!	same de la
Eviter base & altitud	
Avea of Triangle 100	
Enter length and bread	
Ayen of rectangle 37	5
- A gard	
XX XX XX	- XX -

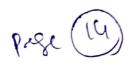
S M T W T F S
Q NO 3 5
QS Part 1:
long double x:
OF Parl 2'
Char * Cp = ((Char *) Vp);
Cricity CF 2 (Control ) 1771
Q5 Part 3:
Correct
Oc Cot L
Int #SP = New int[1];
QC Part S:
enum { green, Yellow, red};
Correct
COTICE
Qr Pert 7:
Const Int omay _ Size = 840;
ma Bout 9:
tox (int = 1: ic 12: int)
tor (int i=1; i<10; i++)}  Cout < i<< "/m"; Int number=100;
float of = new float (1101); ?
Qs pant 9:
Int public 1 = 1000;
OST POW 10:
Correct
- xx - xx - x
P - T+ Castelli



S M T W T F S
Q NO => 6:
9 1110
# Include <10stram>
# Include < lostram> # Include < Etring. h >
Using name space 8td;
Class cricked f
Private:
chan & name & teammannes
double some, age;
Dalolic
cricket ()
Score = 0;
290=0;
Cricked (char on, chan of, Loveks,
durible a)
S GOULDIE ST
Int namelen = stylen():
nama = new
char [name len +17;
lut tramelon = Stylen(t);
teamname = New
char (tnamelen+1];
Stropy (name, vi)
Stropy (teammanne, +);
Score = 83
age = ois that
29
cricked (cricked & c)
\$ C.
Score = C. 2010
age = c. age;
Castelli



SMTWTFS		
	Date:	
namelan =	Stylen (c. name);	
Chan [mannelen +1]	c	
trat transfers -	Stylen (C. teamnamel)	
76 1041	Contraction (Contractions)	
2011		
10 (ilame)	· Manne ).	
2 Stropy Cteamnan	ne, c. team name);	
	/	
Void display ()		
Coutec " Mome; "	16.00	
tegraname " <	transfer (1)	
teammame " << Scare " << Scare	<< mage - 4	
ecage cce	ndl;	
~ Cricket ()	}	
delete name;		
delete teginname;		
20		
Int main ()		
\$	<u> </u>	
Char PNIC]=	" MADES SHAHID	
<u> </u>	ndi";	
Chan bu 3[]="	Hafeez";	
Chow trill=	' Pakistan";	
chan tn 2[] =	"India";	
Crickel CI(Pn1, tn1, 4,46).		
Cricket <1 (Pn1, tn1, 4, 46),  (2(Pn2, tn2, 22, 50);		
B 4 T Castellio		



	SMTWTFS
	Date:
	C1. display ();
-	
	Co. dieplay ():
	$C_1 = C_2$ ;
	C(z)
	Classical Control
	CI. display ();
	•
	retorn O;
	<u></u>
	4
	Olympia.
-	OUtput!
	Mame: SHAHID AFridi
	Teammame: Pakistan
	Score = 4
	age = 4L
	4
,	Mame: Hofeez
	teamname: India
	· · · · · · · · · · · · · · · · · · ·
	Arrignment operator extent:
_	
	Name: Hafeez
· ·	teamnemer mais
-	Scare : 22
	age, 60
× ?	×× — ×× — —
	and the second second
	The ZND
	Ducas Alman Re No!
	ASHFACE AHMAD TOPWEST
	Castelli
	Castelli