### Aditi , A IBM19CS006

1) Write a C/Java morrow to occut CIE (50) much.
and SEE marks (100) of a strident and print  his/her grade. Use if else if ladder.
- Ris/her grade. Use if elge if ladder.
# include < stdio.h>
Int main ()
unt cie, see; that y float total?
prints ("Enter ise and see: \n");
scarf ("/od /od " & cie, & see); total = rie + (see /2);
if (total > = 90 & \$ total <=100)
prints ("Grade: S In"):
else if (total > = 80 & \$ total <= 90)
print ("Grade A \n").
selse il (total >= In 11 +1 = 10 m)
pring ( grade: B \n").
Selse if ( total >=60 && total <= 70)
print ("Grade & C (n").
else if ( lotal > = 50 & total <= 60)
olso il (total > - 10 el +1-0 e )
else if ( total > = 40 & 4 total <=50)  printy (" grade : E \n") -
else il (total <10)
print ( Cyrade: F'):
rether 0:
Diana di Santa di San
(2)

# . Aditi d IBM19CS006

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V	5) Weite a C program to print the prime nos leit- giver 2 integers (inclusive). Accept 2 integers from
	giver 2 integers (inclusive). Accept 2 integers from
	user -
	#include stdio.h>
	int main ()
	{
	ent 1 f. num 1, num 2, flag;
1	ent i, j. num 1, num 2, flag; printl ("Enter 2 numbers 8");
1	Grand (" o/od % od " & num ( senum &)
1	print (" Prime numbers between of and of od
-	gre & M. num ( num x/2
1	for (i=num 1+1; i <=num 2; i++)
	100
1	flog =0;
1	flag =0; for (j=2; j<=i/2; j++)
1	3
1	(i % j = = 20)
1	50.
+	10 mm = 1.2
1	Day &
1	Z
1	• 0 (00 0)
1	of (flag /11 0/0) 11 2):
1	printy ( 1 4 )
-	19 Amo
-	relund
-	
-	
10	(3)
1	

### Aditi. A 1BM 19°CS006

of any one of the given shapes guen Accept the choice of shape, appropriate IP from user; calculate & display area & vol of the same.
of any one of the given shapes guen Accept
the choice of shape appropriate IP from user:
calculate & display area s vol of the same.
ayl, cone, sphere-
= trinclude < votdio h
# include = math ahs
void main ()
int r,h, choice;
10. 1-
print ("1. Cylinder In 2. Sone In 3. Sphere");
The time of time of time of the time of ti
Franch ( 10/2 del 1 de al accessor ) e
switch (choice)
Switch (choice)  { case 1 & print ("Enter & and h of cylinder:");  scanf ("%d %d" ( & x, & h);  area = 2*3.14*9* h + 2*3.14*9 * 4 ?  wol = 3.14*r * n * h;
scanf ( " fod
wol = 3.14*2*h+ 2*3.14*2*2=
wol = 3.14 1/2 1 h;
loreak 3
scarf( " /od /od ", & & & h);
scanfl "lod lod", & r, & h);
wol = (3.14 × 2 + 2 + (2 + sgrt (h) + 2 + 2);
not = (3.14 9 x 4 h)/39
doreak?

### Aditi A 1BM 19CSOOG.

35 print ("Enter a of sphere "); area = 4+3.14 xx 2 nol = (4 \* 3.14 \* 2 \* 2 \* 2) /3; break; prient ("drea is % f \n Uolume is % f "area, vol); 7) #include stdio.h> wold main () int n, i, & m, min, x, C1, C2, C3; tourt student ? int ecs char name [50]; \$ a [50] saint ("Enter no of students: In"); scanf (" of do & n) 5 You student name and lowerse ternet of Things M 2. Advanced Java and JOEE n 3. Advanced & builtures \n", i+1)0 Lu. 1. 5 g. d" a [i]- name Sa [i]-ec

## Aditi. A 1BM19CB006

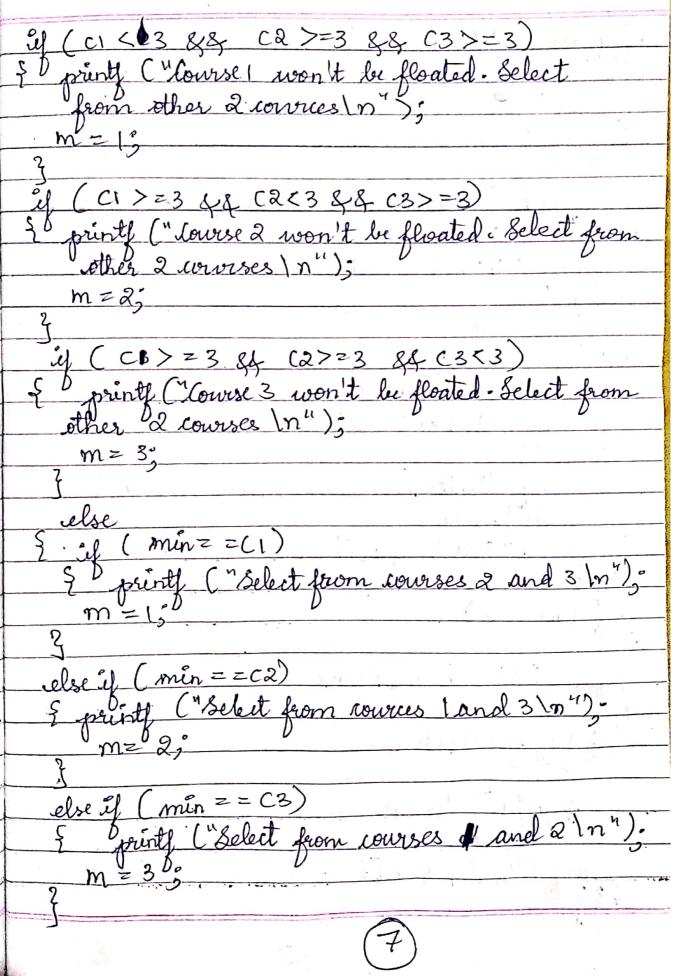
(aliJ-ec = = 1) if (a[i].ec = = 2) if (a[i].ec ==3) if (c1 <= c2 && c1 <= c3)

min = C1;

if (c2 <= C1 && c2 <= C3) min = C2; if (C3<2C1 & C3<=C2) print ("Enter course number \n');
scanf ("% od" & x);
print ("names of students opting for x \n");
cfor (i = 0; i < n; i++) if (a[i].ec==x)

printf ("0/05\n", a[i].name); print ("The number of students of in course 1: /od m" C13: print (" Number of students in course 25 /od prints ("Number of students in course 35% d

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if (m = 21)
for (i = = 0; i < n; i++

ξ if (a[i]·ec==1)
     printy ("Enter new rowrse name = % 5 ln
            a [i] name);
  Scanf (" % d', & a[i] - ec);
  for (i=0; i2n; i++)

{ if (a[i] = ec==2)
     print ("Enter new course, name = % s \n",
a [i ] . name);
    scanf (" ofed", &a[i].ec);
        (i=09 i<n;i++)
     prints ("Enter new course, name = % s [n", a[1], name);
 scanf ("/od, &a [i] ec);
```

Aditi . A 1811/1905006.

print ("students in course 1 = 00"); of (a [i ]·ec = = 1)

rinty [" of.s \n", a [i]. name); prints ("Students in course 2: ");

for (i=0; i<n; i++) if (a[i].ec==2)

prints ("%s\n", a[i]. mane); prints ("students in course 3: ");
for (i = 0; i<n; i++) if (aliJ.ec = = 3)

printf ("%s \n", aliJ. name);