10/1/25

1) Write a C program to print 'Adamas University' without semicolon.

```
#include <stdio.h>
int main ( )
{
if(Print ("Adamas University"))
  {
  }
return
}
```

OUTPUT

Adamas University

Write a C program to find the integer whether it is odd or even with using modulus.

```
#include <stdio.h>
int main( )
{
int n, x;
x = n-(n/10 * 10)
if (x == 2 || x == 4 || x == 0 || x == 6 || x == 8)
  {
   Printf (" the no. is even");
  }
 else
  {
   Printf (" the no. is odd");
  }
return 0;
}
```

OUTPUT

the no. is even

3) Write a C program to swap the variable in single line without using 3rd variable and addition and substraction.

```
#include <stdio.h>
int main()
{
 int a=50;
 int b=20;

 a=a*b , b=a/b , a=a/b;

return 0;
}
```

OUTPUT

```
a=20;
b=50;
```

Write a C program to swap the variable using (^)xOR.

```
#include <stdio.h>
 int main()
{
 int a=100 , int b=200;

 a^=b^=a^=b;
 Printf("%d %d", a, b);
 return 0;
}
```

OUTPUT

```
200
100
```

Write a C program to find maximum of three nosumber in single line.

```
#include <stdio.h>
 int main()
{
 int a=5 , b=7 , c=8;
if(a>b)? ((a>c)? a:c) : (b>c)? b:c);
{
 Printf("c is maximum");
}
 else
 {
   Printf("c is minimum");
 }

return 0;
}
```

OUTPUT

```
c is maximum
```

6) Write a C program to find size of CPU structure.

```
#include <stdio.h>
int main()
{
int *comp;
(sizeof (comp) == 4) ? Printf ("32 bit"):
(size of (comp) == 8) ? Printf ("64 bit"):
  printf (" Unknown architecture ");
return 0;
```

OUTPUT

64 bit