Practice Exercises N 2

Exercise 1:

Write a C program to print your name, date of birth, and nationality.

Exercise 2

Write a C program to compute the perimeter and the area of a circle with a given radius.

Exercise 3

Write a C program that prints the ASCII value of an input character.

Exercise 4

Write a C program that calculates the double, the square and the square root of a given integer

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Exercise 1

```
#include <stdio.h>

 main()
{

   printf("Name   : Mohammed \n"); // print your name, not necessary Mohammed

   // Print Date of Birth
   printf("Date of Birth    : July 14, 2000\n");

   // Print Nationality
   printf("Nationality : Algerian \n");


}
```

Exercise 2

```
# include <stdio.h>
# include <math.h>
# define p 3.14
main()
{
float r, ar, per;
printf ( "enter the radius of the circle" );
scanf("%f",&r);
ar= p*pow(r,2);
per= 2*p*r;
printf ("the area of the cercle= %f\n the  perimeter =%f\n", ar, per);
}
```

Exercise 3

```
#include <stdio.h>
 main() {
   char c;
   printf("Enter a character: ");
   scanf("%c", &c);
```

```
// %d displays the integer value of a character
// %c displays the actual character
printf("ASCII value of %c = %d", c, c);

}
```

Exercise 4

```
# include <stdio.h>
# include <math.h>
main()
{ int x , d , p;
float seq;
printf ( "enter a number" );

scanf("%f", &x);
d= 2*x;
P= pow(x,2);
seq=sqrt (x); // sqrt () is function that computes the square root of a given integer
printf ("the double=%d\n the square=%d\n the square root =%f", d, p seq);
}
```