| Compiler | Interpreter |
| --- | --- |
| 1. | Compiler scans the whole program in one go. | Translates program one statement at a time. |
| 2. | As it scans the code in one go, the errors (if any) are shown at the end together. | Considering it scans code one line at a time, errors are shown line by line. |
| 3. | Main advantage of compilers is it’s execution time. | Due to interpreters being slow in executing the object code, it is preferred less. |
| 4. | It converts the source code into object code. | It does not convert source code into object code instead it scans it line by line |
| 5 | It does not require source code for later execution. | It requires source code for later execution. |
| Eg. | C, C++, C# etc. | Python, Ruby, Perl, SNOBOL, MATLAB, etc. |

2Nd ASSISSMENT

Class Test {

Int roll;

String name;

Float marks;

Void input(){

Scanner roll =new scanner(system.in)

Scanner name =new scanner(system.in)

Scanner marks =new scanner(system.in)

}

Void display(){

System.out.println(“roll num= “+roll);

System.out.println(“name of the student = “+name);

System.out.println(“marsk of the student= “+marks);

}

Class test drive

{

Public.ststic void main(string[] args){

Test od=new test

Od.input()

Ob.output()}}}