1)difference between compiler and interpreter:-

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| compiler | interpreter |
| 1)It scans the whole program in one go. | 1)Translates program one statement at a time. |
| 2)As it scans the code in one go,the errors are shown at the end together. | 2)Considering it scans the code one line at a time ,errors are shown line by line. |
| 3)Main advantage of compilers is its execution time. | 3) Due to interpreters being slow in executing the object code ,it is preferred less. |
| 4)It converts the source code into object code. | 4)It does not convert source code into object code instead it line by line. |

2) class student {

int rollno =1234 ;

String name="akshay";

float marks=94;

public static void main(String[] args) {

student myObj = new student();

System.out.println(myObj.rollno);

System.out.println(myObj.name);

System.out.println(myObj.marks);

}

}