Assessement through Code Runner:-

1. Visit this link: https://moodle.org/plugins/qtype\_coderunner

download code runner plugin to install in moodle

2. Select Site Administrator

3. Select Plugins

4. Select Install Plugins

5. Choose-->Browse(downloaded zip file)-->Upload files

6. Select "install plugin from the zip file"

7. Click continue if the plugin validation is "OK" (note: you need click install again for adding dependencies)

8. Click "upgrade moodle database now"

9. Click "Continue" if the installation was successfull

10. Click "Save Changes"

Now, we need to add questions to test using code runner plugins

1. Select courses(in Dashboard)

2. Select Categories(Ex. Agni College)

3. Select Course(Ex. ECE-A)

4. Select the Question Bank in side menu bar

5. Select any one of the Categories( Ex. I have created Java category in Course Level)

6. Click create a new question

7. Select code runner to add a new question

8. Fill the details like below mentioned:

Code runner question type -> java\_program (example)

you can change the penalty regime for reduce the grade for every wrong answer

General:

Select the category

Question name: Sum of array of elements

Question tetx: Write a program to add the all elements in an array

Test Cases:

Test case 1:

Input : 2 4 1 5 3

Output: 15

(Don't forget to select "use as example")

Test case 1:

Input : 0 4 6 7 5

Output: 22

9. Provide test cases at least more than 3

10. Click "Save Changes" to return into Question Bank

11. Select the preview icon to test your coding

12. Type your coding and click "check" to test your program

Ex:

import java.util.Scanner;

public class Test

{

public static void main(String[] args)

{

Scanner sc = new Scanner(System.in);

int[] arr = new int[5];

int sum=0;

for(int i=0; i<5; i++)

{

arr[i]=sc.nextInt();

sum=sum+arr[i];

}

System.out.println(sum);

}

}

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Ex1: (C program)

#include<stdlib.h>

#include<stdio.h>

int main()

{

int a,b;

scanf("%d",&a);

scanf("%d",&b);

printf("%d",(a+b));

return 0;

}

Ex2: (Python )

L=[]

sum=0

for i in range(0,5):

x = int(input())

L.append(x)

sum=sum+L[i]

print(sum)