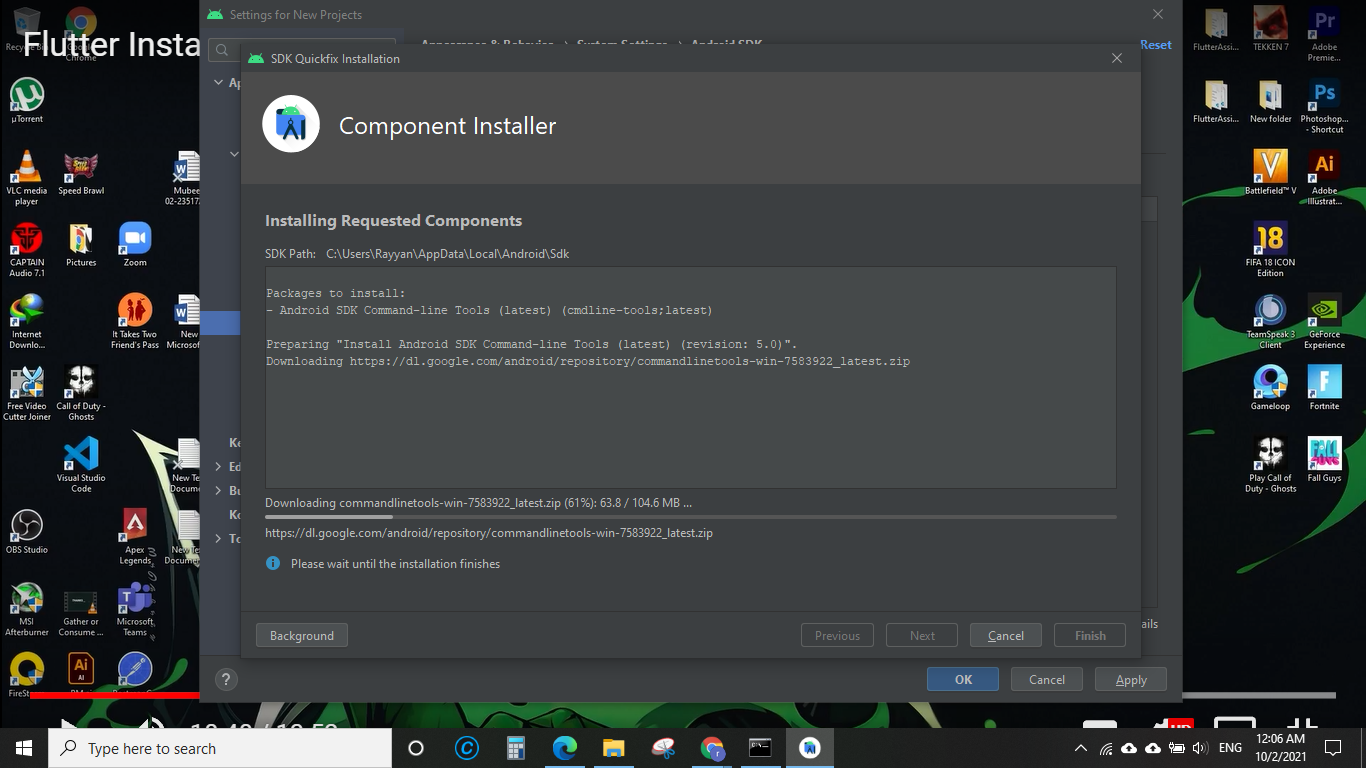
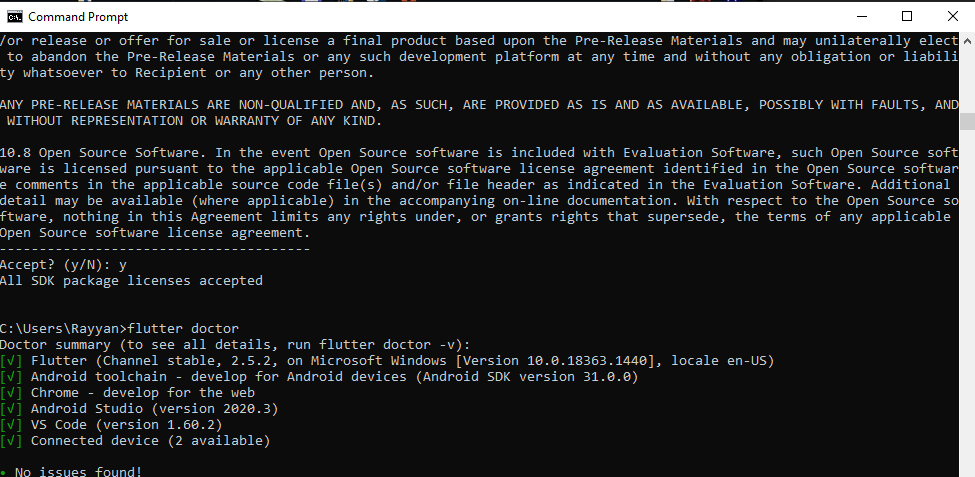
**TASK # 1**





**TASK # 2**

void main() {

tab\_fn(4);

}

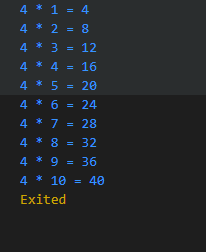
void tab\_fn(int num) {

for (int i = 1; i < 11; i++) {

print("$num \* $i = ${num \* i}");

}

}



**TASK # 3**

void main() {

function(8);

}

void function(num number) {

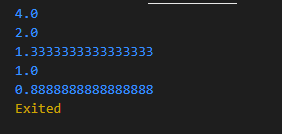
List<dynamic> lst = [2, 4, 6, 8, 9];

for (int i = 0; i < lst.length; i++) {

print("${number / lst[i]}");

}

}



**TASK # 4**

void main() {

mark\_sheet();

}

void mark\_sheet() {

List<dynamic> names\_lst = ['Rayyan', 'Qasim', 'Sajid', 'Akram', 'Bilal'];

List<dynamic> father = ['Riaz', 'Javed', 'Qadir', 'Ghulam', 'Shaheen'];

List<dynamic> m\_m = [65, 65, 0, 32, 48];

List<dynamic> e\_m = [44, 72, 0, 72, 70];

List<dynamic> u\_m = [50, 72, 0, 32, 64];

List<dynamic> p\_m = [58, 65, 0, 16, 61];

List<dynamic> c\_m = [56, 65, 0, 35, 60];

var clas = 9;

var sec = 'A';

var total\_num\_of\_sub = 5;

num add = 75 \* total\_num\_of\_sub;

int t = 75;

for (int i = 0; i < names\_lst.length; i++) {

num sum = m\_m[i] + e\_m[i] + u\_m[i] + p\_m[i] + c\_m[i];

num per = (sum / add) \* 100;

var a = per.toStringAsFixed(2);

print("\*" \* 50);

print("\*" \* 50);

print("\*" \* 50);

print("\* Canadiate : ${names\_lst[i]} S/O: ${father[i]}\*");

print("\* Class : $clas Section: $sec \*");

print("\*" \* 50);

print("");

print("Number of Maths: ${m\_m[i]} / $t");

print("Number of English: ${e\_m[i]} / $t");

print("Number of Urdu: ${u\_m[i]} / $t");

print("Number of Physics: ${p\_m[i]} / $t");

print("Number of Chemistry: ${c\_m[i]} / $t");

print("\*" \* 50);

print(" TOTAL $sum/ $add");

print(" Percentage $a%");

if (per > 80) {

print(" Grade A+ ");

} else if (per >= 70 && per < 80) {

print(" Grade A ");

} else if (per >= 60 && per < 70) {

print(" Grade B ");

} else if (per >= 50 && per < 60) {

print(" Grade C ");

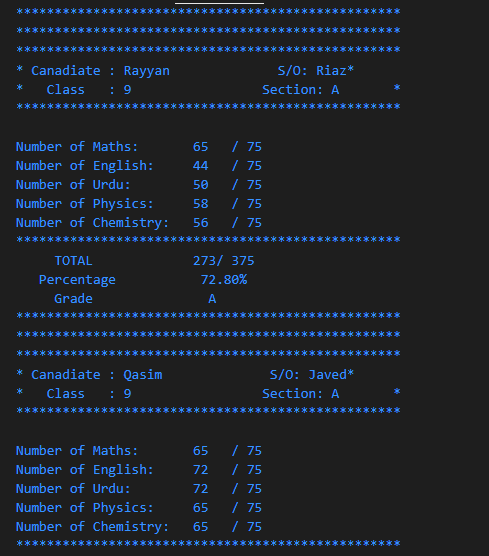
} else {

print("FAIL");

}

}

}



**TASK # 5**

//Task 5

void main() {

Abc obj = new Abc();

obj.abc\_fn();

obj.abc\_fn2(7);

}

class Abc {

void abc\_fn() {

print("This is simple function");

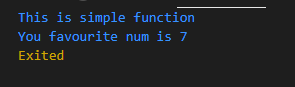
}

void abc\_fn2(int num) {

print("You favourite num is $num");

}

}



**TASK # 6**

void main() {

Student\_Name obj = Student\_Name();

obj.setnamef("Riaz Alam");

obj.setname("Muhammad Rayyn");

print("My name is ${obj.getname()} ${obj.getnamef()}");

}

class Father\_name {

late String fat\_name;

void setnamef(String f\_name) {

fat\_name = f\_name;

}

String getnamef() {

return fat\_name;

}

}

class Student\_Name extends Father\_name {

late String std\_name;

void setname(String name) {

std\_name = name;

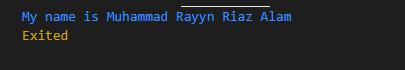
}

String getname() {

return std\_name;

}

}



**TASK # 7**

main() {

//object

MyInfo obj = MyInfo(name: "Rayyan", age: 21, education: "BSCS");

obj.sayInfo();

}

class MyInfo {

int age;

String name;

var education;

//constuctor

MyInfo({required this.name, required this.age, required this.education});

//method

void sayInfo() {

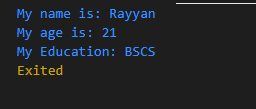
print("My name is: $name");

print("My age is: $age");

print("My Education: $education");

}

}



**TASK # 8**

void main() {

Student\_Name obj = Student\_Name();

obj.setnamef("Riaz Alam");

obj.setname("Muhammad Rayyn");

print("My name is ${obj.getname()} ${obj.getnamef()}");

}

class Father\_name {

late String fat\_name;

void setnamef(String f\_name) {

fat\_name = f\_name;

}

String getnamef() {

return fat\_name;

}

}

class Student\_Name extends Father\_name {

late String std\_name;

void setname(String name) {

std\_name = name;

}

String getname() {

return std\_name;

}

}

