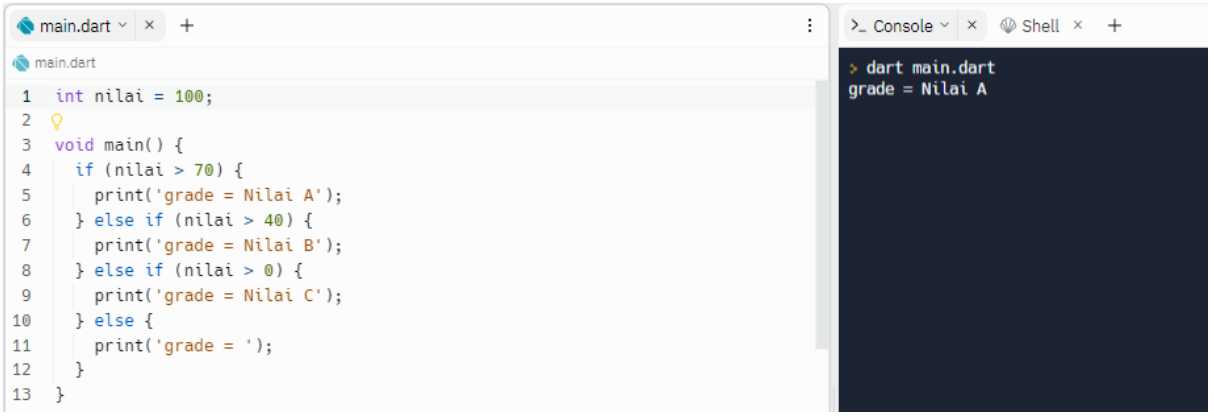
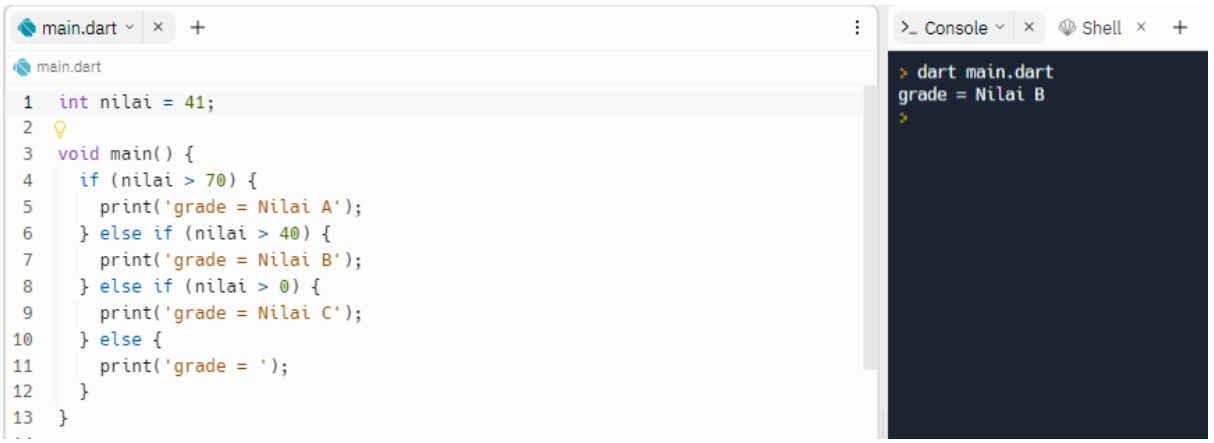
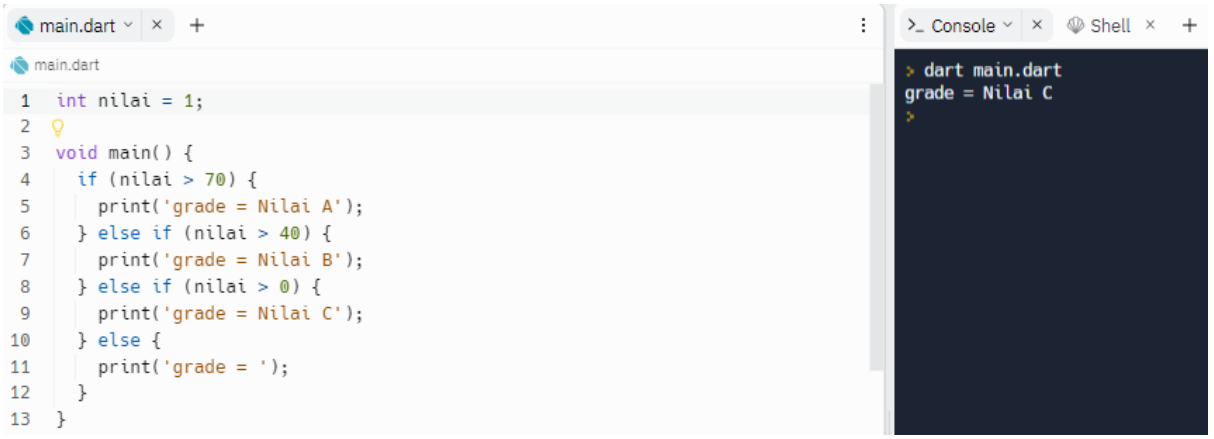
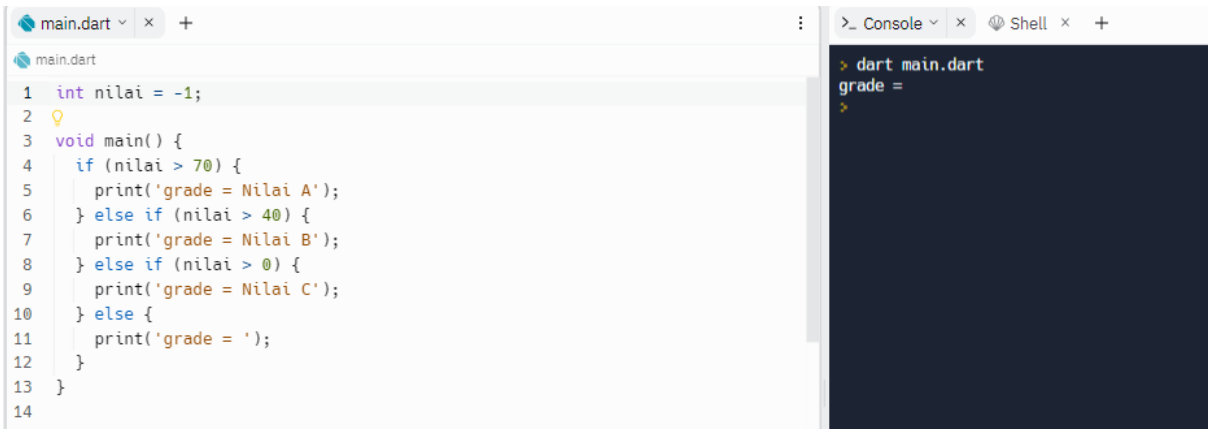
Screenshoot soal prioritas 1

Nomor 1

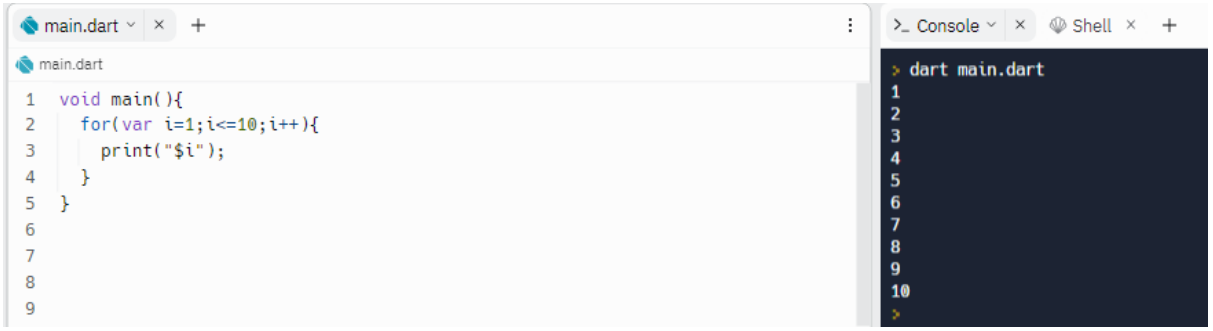








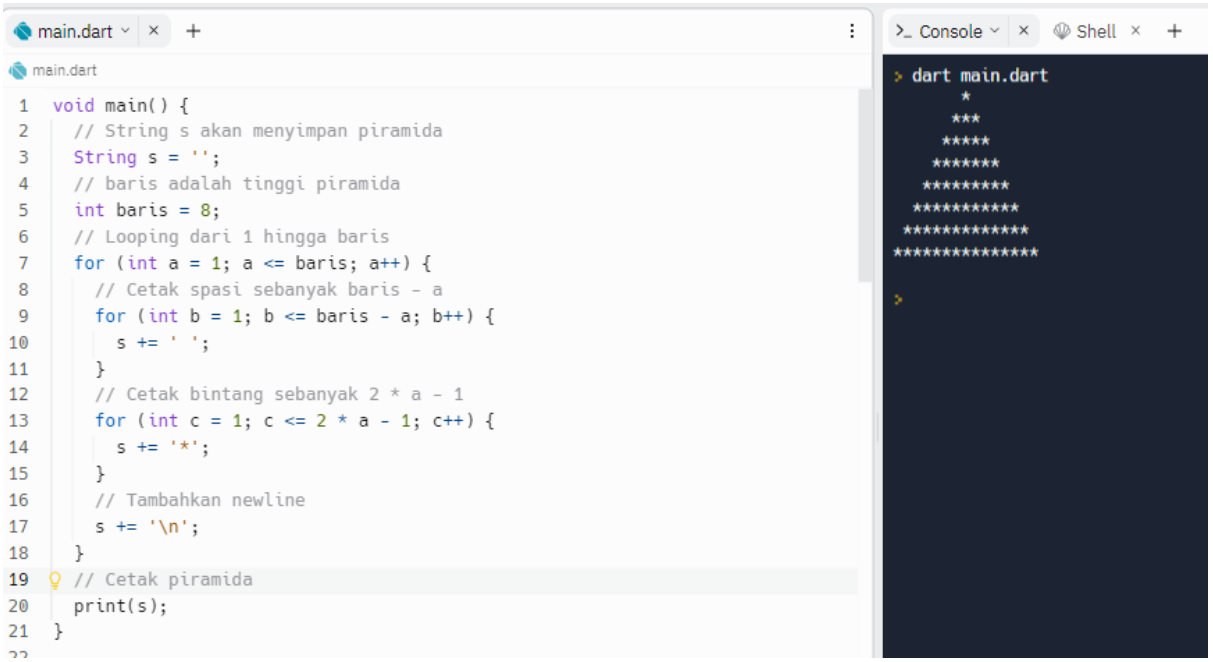
Nomor 2



Screenshoot soal prioritas 2

Tugas Perulangan (Looping)

Nomor 1



Nomor 2

```dart
import 'dart:io';

void main() {
  int tinggi = 11; // tinggi jam pasir

  if (tinggi % 2 == 0) {
    print("Tinggi harus ganjil.");
  } else {
    cetakJamPasir(tinggi);
  }
}

void cetakJamPasir(int tinggi) {
  int spaceCount = 0;
  int starCount = tinggi;

  for (int i = 1; i <= tinggi; i++) {
    for (int j = 1; j <= spaceCount; j++) {
      stdout.write(' ');
    }

    for (int k = 1; k <= starCount; k++) {
      stdout.write('0');
    }

    if (i <= tinggi ~/ 2) {
      spaceCount++;
      starCount -= 2;
    } else {
      spaceCount--;
      starCount += 2;
    }

    print('');
  }
}
```

```
> dart main.dart
00000000000
 000000000
  0000000
   00000
    000
     0
    000
   00000
  0000000
 000000000
00000000000
>
```

Tugas Function

Nomor 1

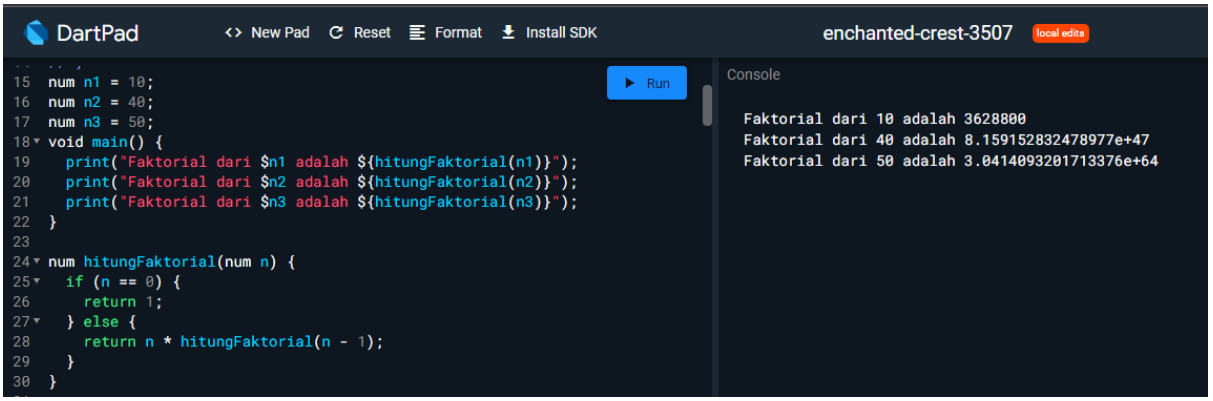
```dart
import 'dart:io';

void main() {
  int r = 10; // jari-jari lingkaran
  double luas = hitungLuasLingkaran(r);
  print("Luas lingkaran dengan jari-jari $r adalah $luas");
}

double hitungLuasLingkaran(int r) {
  const phi = 3.14;
  double luas = phi * r * r;
  return luas;
}
```

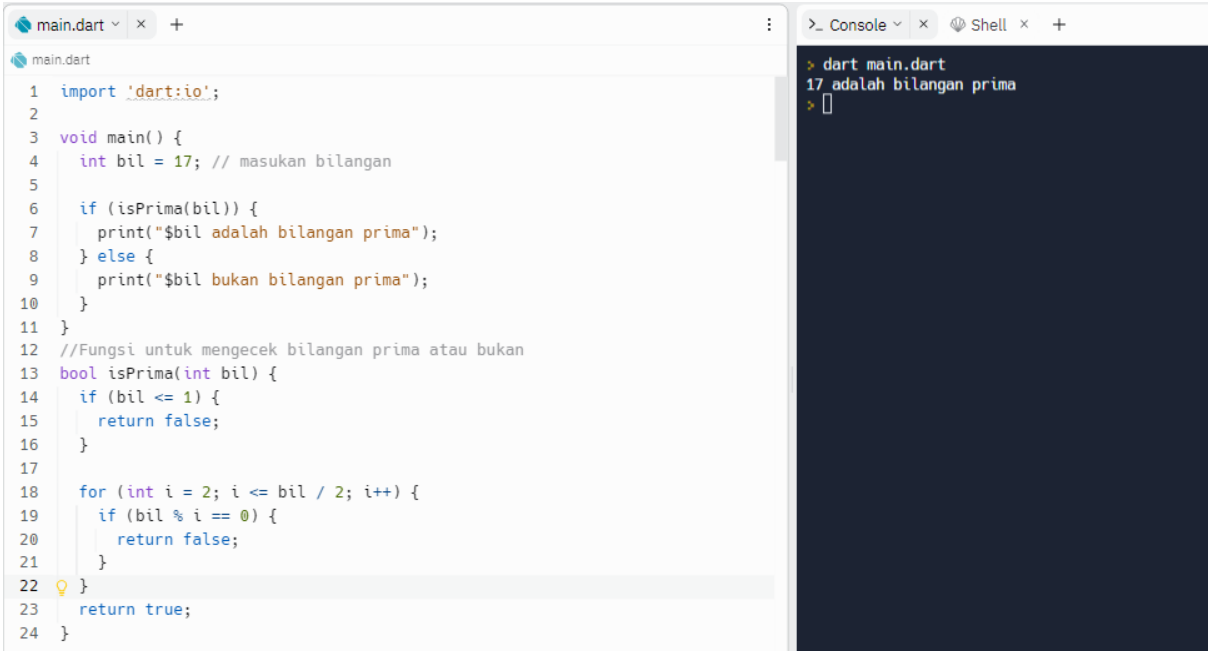
```
> dart main.dart
Luas lingkaran dengan jari-jari 10 adalah 314.0
>
```

Nomor 2



Screenshoot soal eksplorasi

Nomor 1



Nomor 2