```dart
import "dart:io";


late String? name;

late List<String> studentList = [];

late int x;

List<num>? Numb;


void main() {
  x = int.parse(stdin.readLineSync()!);


  printNumb(x);
  print(printEven(x));


  if (x > 0) {
    print("Your number is positive");
  } else if (x < 0) {
    print("Your number is nigative");
  } else {
    print("Your number is ZERO");
  }


  print("select a day (number)");
  x = int.parse(stdin.readLineSync()!);


  switch (x) {
    case 1:
```

```
      print("Saturday");

      break;

    case 2:

      print("Sunday");

      break;

    case 3:

      print("Monday");

      break;

    case 4:

      print("Tuesday");

      break;

    case 5:

      print("Wednesday");

      break;

    case 6:

      print("Thursday");

      break;

    case 7:

      print("Friday");

      break;

  }


if (Numb == null) {

  print("list is empty");

} else {

  print(Numb!.length);
```

```
    print(Numb);

  }

  Name();

}


void printNumb(int numb) {

  if (x > 0) {

    print("print numbers");

    for (var i = 1; i <= numb; i++) {

      print(i);

    }

  } else if (x < 0) {

    print("print numbers");

    for (var i = -1; i >= numb; i--) {

      print(i);

    }

  }

}


int printEven(int numb) {

  int sum = 0;

  if (x > 0) {

    print("print sum even");

    for (var i = 1; i <= numb; i++) {

      if (i % 2 == 0) {

        sum += i;
```

```
      }

    }

  } else if (x < 0) {

    print("print sum even");

    for (var i = -1; i >= numb; i--) {

      if (i % 2 == 0) {

        sum -= i;

      }

    }

    sum *= -1;

  }


  return sum;

}


void Name() {

  print("type brake to brake the loop");


  while (true) {

    print("type student name");

    name = stdin.readLineSync();

    if (name == "brake" || name == "Brake") {

      break;

    } else {

      studentList.add(name!);

    }
```

```
  }

  print(studentList);

  for (String i in studentList) {
    if (i.length <= 5) {
      print("$i is short name");
    } else if (i.length > 5) {
      print("$i is long name");
    }
  }
}
```