Few Example Programs

Program 1: Performing arithmetic operation and storing the value in variable.

```
1.  Live
2.  int a=40;
3.  int b=8;
4.  int result;
5.  result=a+b;
6.  print(result);
7.  result=a-b;
8.  print(result);
9.  result=a*b;
10. print(result);
11. result=a/b;
12. print(result);
13. Die
```

Program 2: Performing If Else operation.

```
1.  Live
2.  int a=9;
3.  int b=1;
4.  double d;
5.  if a==9
6.  {d=a+b;
7.  print(d);}
8.  warna
9.  {d=a-b;
10. print(d);}
11. fi
12. Die
```

Program 3: Performing while

```
1.  Live
2.  int count = 7;
3.  int counter =1;
4.  int firstFib=1;
5.  int secondFib=1;
6.  int sum;
7.  while counter<=count
8.  {
9.  print(firstFib);
10. sum=firstFib+secondFib;
11. firstFib = secondFib;
12. secondFib=sum;
13. counter=counter+1;
14. }
15. Die
```

Program 4: Performing for loop

```
1.  Live
2.  int result = 1;
3.  int n=5;
4.  for (int i=2; i<=n; i=i+1)
5.  {result=result*i;}
6.  print(result);
7.  Die
```

Program 5: Performing for Boolean

```
1.  Live
2.  int a=9;
3.  int b=2;
4.  if a>9 and b==2
5.  {b=b+a;
6.  print(b);}
7.  warna
8.  {a=a+5;
9.  print(a);}
10. fi
11. Die
```

Program 6: Performing Ternary Operation

```
1.  Live
2.  int a=9;
3.  int b=1;
4.  int d;
5.  a>8 ? { d=a+b; print(d);} : {d=a-b; print(d);}
6.  Die
```

Program 7: Performing For range loop

```
1.  Live
2.  int a=1;
3.  int b=2;
4.  for m in range(1,5)
5.  {a=a+1;
6.  print(a);}
7.  Die
```

Program 8: Performing print statements

```
1.  Live
2.  int a=13456;
3.  int b=2345;
4.  string str = "ASsndksmaszkal1!!@#$       123";
5.  for(int m=0;m<2;m=m+1)
6.  {a=a+1;
7.  print(a);
8.  print(str);}
9.  Die
```