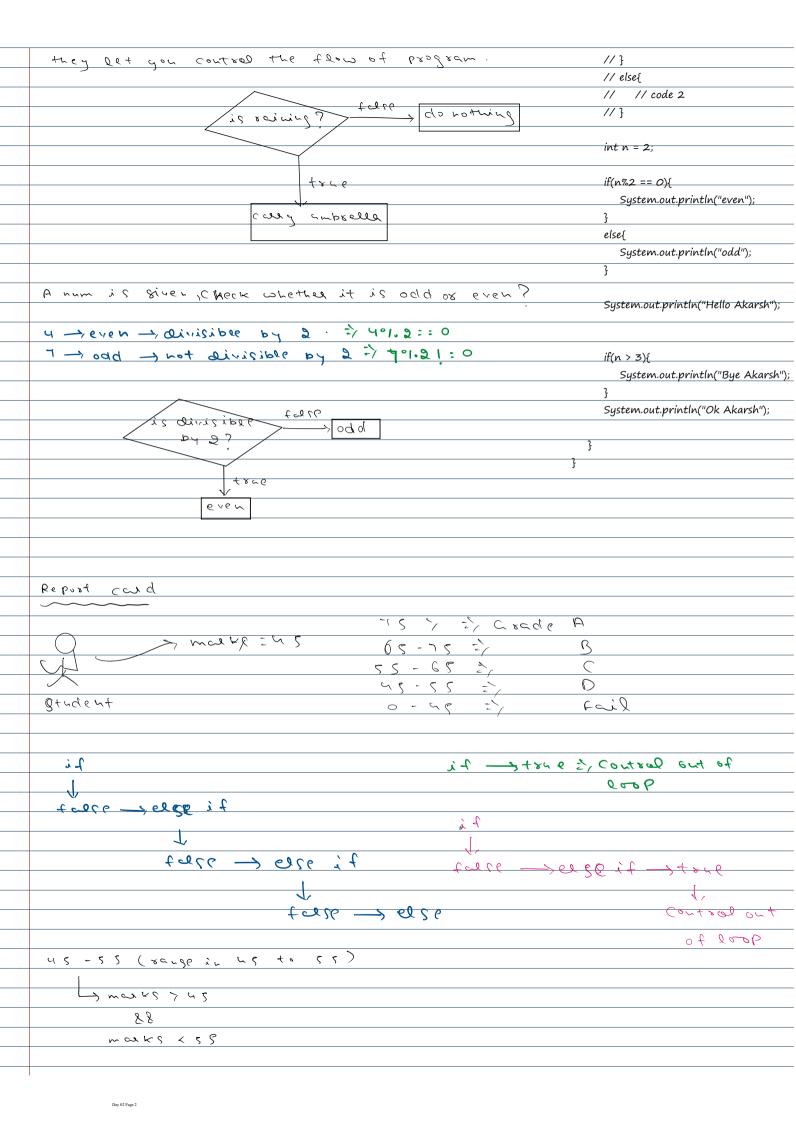
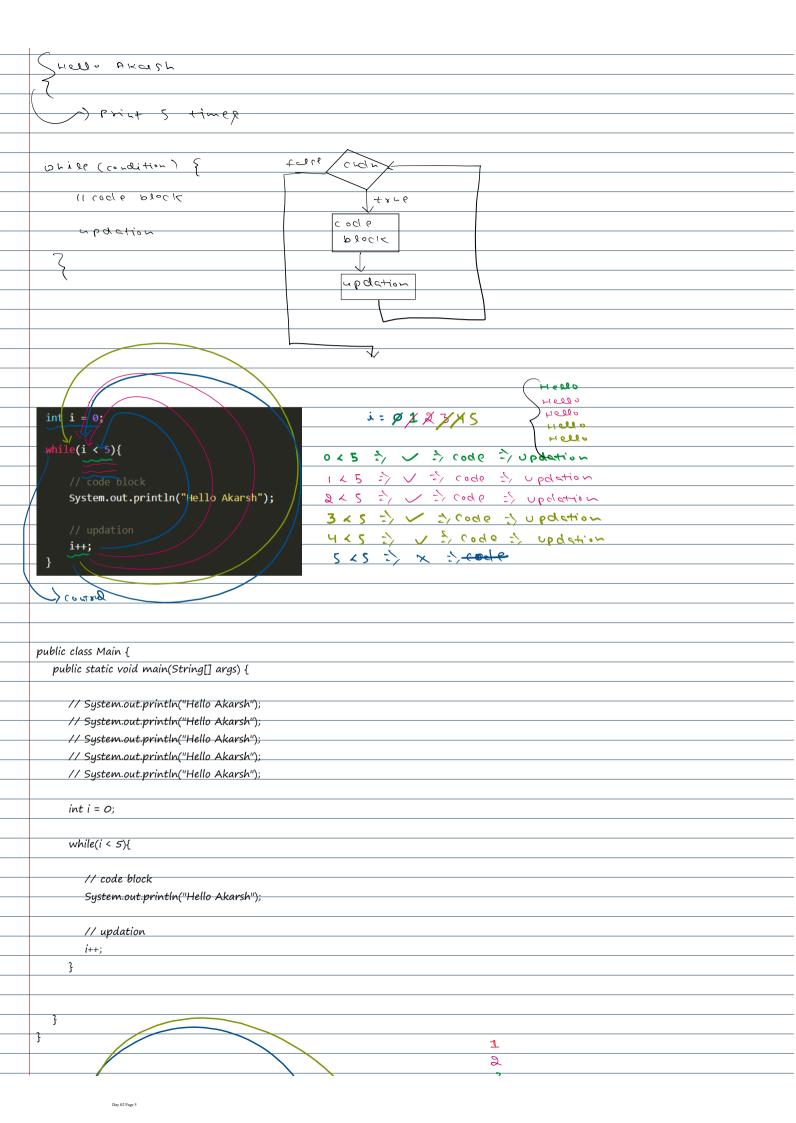
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7		Τ	•	Main {
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F	<u> </u>		args) {	
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X			< 11);	
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! Logice	tom e		}	
8010x66	the result.		}	
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				public class Main {
Conditional	2 tatement &			<pre>public class Main { public static void main(String[] args) {</pre>
		•		,
Decision	making state	ment s		// if (condition){
				// // code 1
they le	t you control	the flow	ot brodram.	// }
		~		// else{
	/	~		// // rode. 2



```
public class Main {
  public static void main(String[] args) {
     int marks = 1;
     if(marks > 75){
        System.out.println("Grade A");
     else if(marks >= 65 && marks <= 75){ // marks = [65-75] or 65 <= marks <= 75
        System.out.println("Grade B");
     }
     else if(marks >= 55 && marks < 65){ // marks = [65-75] or 65 <= marks <= 75
        System.out.println("Grade C");
     else if(marks >= 45 && marks < 55){ // marks = [65-75] or 65 <= marks <= 75
        System.out.println("Grade D");
     3
     else{
        System.out.println("Grade F");
     }
     System.out.println("Report Card Generated!");
                 27es - 7i
Mested
 ALLOUST
                                 B i 1 C
    200-500
 public class Main {
   public static void main(String[] args) {
      int age = 52;
       if(age >= 15 && age <= 20){
          System.out.println("Bike");
         if(age >= 15 && age <= 18){
            System.out.println("KTM");
         }
         else{
            System.out.println("Splendor");
```

```
else if(age >= 50 && age <= 80){
         if(age >= 50 && age <= 55){
            System.out.println("Petrol");
         else if(age >= 56 && age <= 70){
            System.out.println("EV");
maximum among
                       three humbers
                               e cu goft
 a -> a > b & & a > C
 b => b > c
 0 % 0 %
public class Main {
  public static void main(String[] args) {
     // int a = 10;
     // int b = 20;
     // int c = 30;
     int a = 10, b = 20, c = -30;
     if(a > b && a > c){}
       System.out.println("a");
     else if(b > c & b > a){
       System.out.println("b");
     else{
       System.out.println("c");
     }
  }
}
LOOPS
                                  code as long
to execute a prock of
                                                       as specified
 condition is true.
```



```
1
                                                                              2
Print
                            mber 5
                                                                         Updation 2 ita
 int i
 while (i < 5)
                                         3 4:5
     System.out.println(i);
                                           6
  public class Main {
    public static void main(String[] args) {
       int i = 1;
       while(i <= 5){
          System.out.println(i);
          i++;
       }
 Point sum of first 5 numbers
public class Main {
   public static void main(String[] args) {
      int sum = 0;
      int i = 1;
      while(i <= 5){
        // System.out.println(i);
         sum = sum + i;
         i++;
      System.out.println(sum);
```

