

Collection<Student>list=newArrayList<Student>(); list.add(newStudent(1001,"Amit",55.55f)); list.add(newStudent(1002,"Kiran",66.66f)); list.add(newStudent(1003,"Ravi",77.77f)); list.add(newStudent(1004,"Rakesh",88.88f));

Iterator<Student>it=list.iterator();
while(it.hasNext()){
 System.out.println(it.next());
}

for(Students:list){
 System.out.println(s);

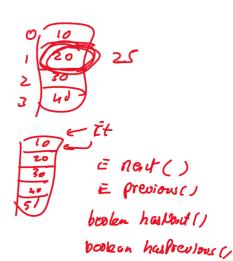
## List <E)

- 1) void add (int index, E oh,)
- 2) void add (int induc, Eolleanin (F))
- 3) E get (int index)
- 4) Int index of (Object obj)
- 5) E remove (int index)
- 6) E set (int index, E oh)
- 7) List I tended (E) List I tend ()



Stud

1000



List < student > list = new ArrayLos < student > (); List-add ( new Student (1001, " Amit", 55.554); Luduc Student. May Class Student private Integer sollne; 1003001 provade storing name; 10 4002 private float percentege. 3 Iterable 1 Map<K,V> Abstract Map (K, W) [ Socreduap < k, W Naugoble Mapk Tree MERKIN Hinted HoshMap(KIV)

Map (String, Student) map = Hash Map (string, Student)

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java. Util. stream. Stream (E)
                     Ls Collection of D
                                                  void accept (E 04)
     stream. Jos. Fach (Consumer (E) condumer)
       Systa. out. Parinth (s);
                                  lit - stream () · for Each ((s) > S.O.p(s));
                                 list. Stream() for Each (System=Out: pontin):
                                                      List. stream (). for Each (s) \Rightarrow l if (s. getPercentage() > 60)

s.o.p(s);
for (i=0, i < lift. size (), i++)
       if (list get(i) getPercentage ()>60)
              5.0.p ( Wt. get (i)),
 3
                                                     list-stream (). filter ((s) > s.getter rentage() >60)

· for Each (System. Out :: pointly);
      fortant (consumer < E) (onsure)
                                                       of fontional interface
                                                               void accept (E Ob);
```

3

## Stream PAPI

- g) Stream (String) eupty = Stream empty ()
- 2) Collection (Storing) collection = Arrays. Owhilt ("Amil", "kinen", "Row", "Roy");
  Stream (Storing) stream = collection. stream ();
- Stream of array

  String[] St = new String[] ["Ravi", "Amit", "Ani"];

Stream (string) whrean = Arrays, stream (st);

H) Stream . builder ()

Stream (String) Stream = Stream . (String) builder 1) . ada ("Ravi")

· ada ("Kiran")

· ceda ("Aschit");

6) Stream iterates

40,42, 44, 48, 48

Stream < Integral stream = Stream. iterate (40, (n) > n+2)

4) stream of file contents

Path path = Paths. get (" C: \\dep \\ Letter TXT")

Stream (string > filettreon = Files. lines (pate);

filestea. for Each ( Syona. Out :: pointly);

c: Hap Letter ix;



filtes

Stream < 6) . filter (Poedicute < E) predicate)

Lo interfere Predicat (E)

boolean test (E obj);

Stream (Integer) Stocan = Stocan iterate (1, n -> n+1) . livit (20)

stocan. filter (x) => x 1.5 == 6)

for Ea in (System. Oot. : printly);