Lat - 8 romport jouer util beconner; class of Suception extends graphing int age differer. Age Breektoon ( ent forthers age, ent sor. soge) & age difference = fothers age - kons age; public sting to slige() { return "The ages overt appearate", class thoughow brufton extends muftion & with entered age; Wrong the Sneethion (int given\_age) & entred age = gim \_ age; public blig tobbier) ? seturn "Logs connet le regative",

closs Fother of int age foth; Fother Cit fother's aged throws Wrongstope Recolable : C

my 7 sox fath = fathers age; if ( sage, -fath < 0) & \_ spe) rollows spekgowy con coult footh) i Son extends Fother & int age ron , Son (int foother's age, sent rons age) theores Wronglage Kreephon, Lag Breephon & Ruper (footler's age), ad - sou = sour ad .) 4 (age\_ron 20) 5 throw mee wongdar breeflow (age ron); if Cook\_ Kon >= age\_forth) { throw new tox exception (ag foth, age - son) closes Tother Son &

closes Fatherbon ?
public static void main (blugs) ?

int follows age, sons age; Scorner gd = new Scorner gd. next Int(); Jother faith-Obje: new Josher L. fathers\_age), coutch (wrongodge byception a) { System out printly " top extellion ((au+1) / basings Syxten, out-paintly C" gut the son's age for s\_age = gd. word Int (); son con Oly = new bon (father's age, rons-age); system. out. printle ("The extred ages are affectionte"); postel (Worg of Inception t) { bepten out printer ( t); Gotch (Ag Exception a) & Septen out putte (a);

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pranavsastry@Pranavs-iMac:~/Documents/00J-Lab/Lab 8$ compj FatherSon
pranavsastry@Pranavs-iMac:~/Documents/00J-Lab/Lab 8$ runj FatherSon
Enter the Father's age:
45
Enter the Son's age:
The entered ages are appropriate!
pranavsastry@Pranavs-iMac:~/Documents/003-Lab/Lab 8$ runj FatherSon
Enter the Father's age:
Enter the Son's age:
20
Age of the Son is greater than the Father.The age difference between the father and son is -19. The ages a
ren't appropriate
pranavsastry@Pranavs-iMac:~/Documents/00J-Lab/Lab 8$ runj FatherSon
Enter the Father's age:
-3
Age exception raised! The entered age -3 is less than 0. Age cannot be negative!
Enter the Son's age:
-5
Age exception raised! The entered age -3 is less than 0. Age cannot be negative!
pranavsastry@Pranavs-iMac:~/Documents/00J-Lab/Lab 8$
```