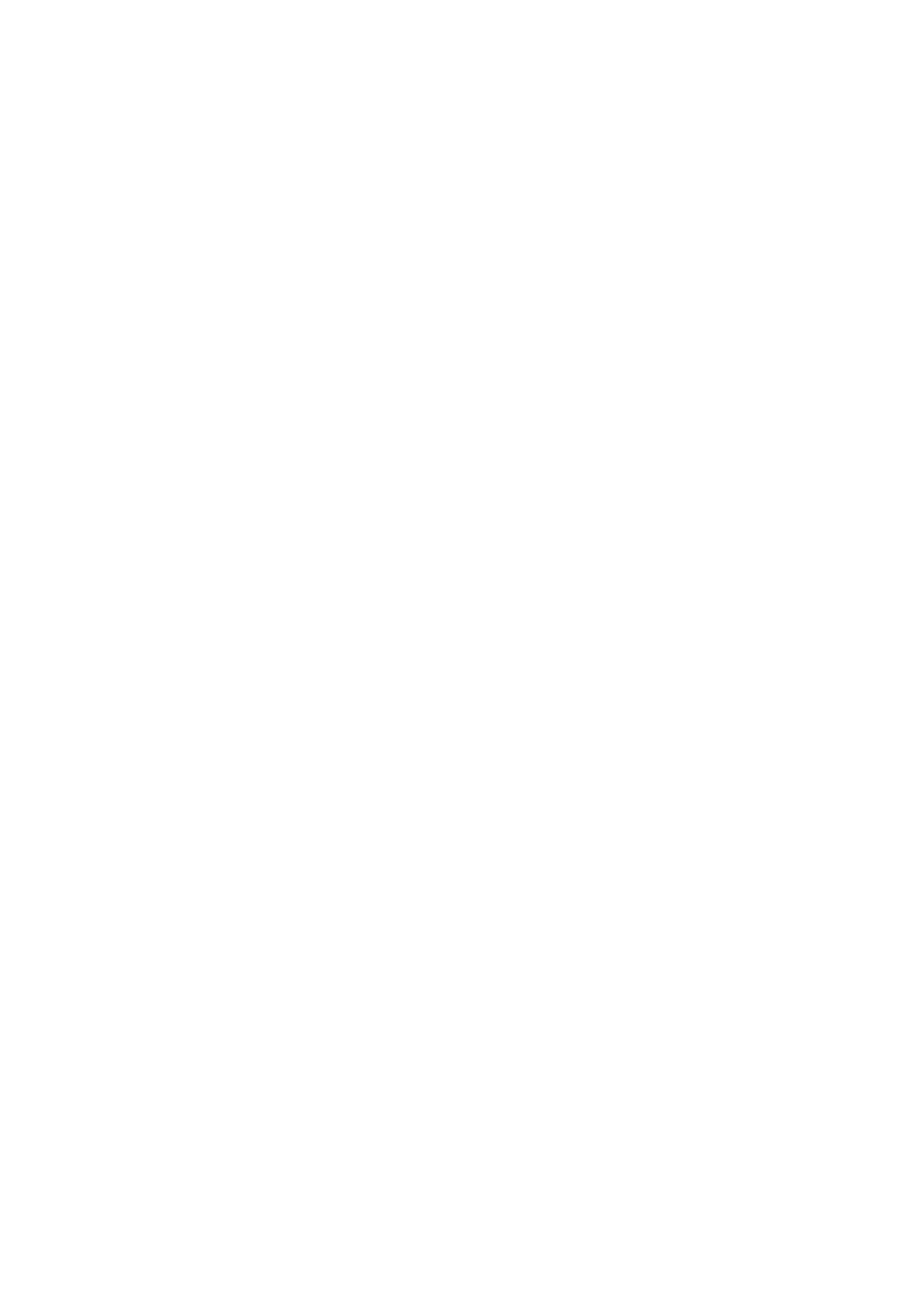
SHRIMATAVAISHNODEVIUNIVERSITYKATRA,KAKRYAL

JAVALABFILE

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Entryno:-19bcs038

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LISTOFJAVAPROGRAMSCSL3023

1.Writeprogramtoprintthekthdigitfromlast.e.g.input23617andk=4output3.

2.Writeaprogramtoprintfirstdigit.e.g.input23516output

3.Writeprogramtoprinttheseconddigit.e.g.input23516theoutputis

4.Writeprogramtofindsumofalldigits.Input23617output2+3+6+1+7=19.

5.Writeprogram,whichwillfindsumofproducttoconsecutivedigits.e.g.whenthe

inputis23145theoutputis2x3+3x1+1x4+4x5=33.

6.Writeprogram,whichreadstwonumber(assumethatbothhavesamenumberof

digits).Theprogramoutputsthesumofproductofcorrespondingdigits.Input327and

539output3x5+2x3+7x9=84.

7.Writeprogramtoprintpositionalvaluesofdigits.Input21463output3,60,400,1000

and20000.

8.Writeprogramtofindsumofevendigits.Input23617output2+6=8.

9.Writeprogramtofindnumberofdigits.Input423output3.Input21151output5.

10.Writeprogramtofindnumberofevendigits.Inabovecase2and1respectively.

11.Writeprogramtoprintthelastevendigit.e.g.input23613output6.[Hint:while(x%2¹0) x=x/10]42.Programtoprintthedigitimmediatelybeforethelastevendigit.Inabovecase 3.

12.Writeprogramtoprintthedigitimmediatelyafterthelastevendigit.Inabovecase1.

13.Writeprogramtoprintthelastdigit,whichismultipleof3.e.g.input23617output6.

14.Writeprogramtoprintthesecondlastevendigit.e.g.input23863output8(donotuse

'if').Input325145761output4.[Hint:usetwoloops]

15.Readanumber.Dohalfofnumberafterlastodddigit.Input3times.Input61389426

output184167639(61389213\*3).Input87output261.Input78output222(74\*3).

16.Writeprogram,whichfindsthesumofnumbersformedbyconsecutivedigits.Input

2415output24+41+15=80.

17.Findsumofnumbersformedbyexchangingconsecutivedigits.Inabove42+14+51=10

18.WriteaJavaprogramthatprintsallrealsolutionstothequadraticequationax2+bx+c=

0.Readina,b,candusethequadraticformula.Ifthediscriminateb2-4acisnegative,

displayamessagestatingthattherearenorealsolutions.