package eu.senla.task1;  
  
public class Number {  
 private byte b;  
 private Byte aByte;  
 private short s;  
 private Short aShort;  
 private int i;  
 private Integer aInteger;  
 private long l;  
 private Long aLong;  
 private float f;  
 private Float aFloat;  
 private double d;  
 private Double aDouble;  
 private char c;  
 private Character character;  
 private boolean bo;  
 private Boolean aBoolean;  
 private String aString;  
  
 public byte getB() {  
 return b;  
 }  
  
 public void setB(byte b) {  
 this.b = b;  
 }  
  
 public Byte getaByte() {  
 return aByte;  
 }  
  
 public void setaByte(Byte aByte) {  
 this.aByte = aByte;  
 }  
  
 public short getS() {  
 return s;  
 }  
  
 public void setS(short s) {  
 this.s = s;  
 }  
  
 public Short getaShort() {  
 return aShort;  
 }  
  
 public void setaShort(Short aShort) {  
 this.aShort = aShort;  
 }  
  
 public int getI() {  
 return i;  
 }  
  
 public void setI(int i) {  
 this.i = i;  
 }  
  
 public Integer getaInteger() {  
 return aInteger;  
 }  
  
 public void setaInteger(Integer aInteger) {  
 this.aInteger = aInteger;  
 }  
  
 public long getL() {  
 return l;  
 }  
  
 public void setL(long l) {  
 this.l = l;  
 }  
  
 public Long getaLong() {  
 return aLong;  
 }  
  
 public void setaLong(Long aLong) {  
 this.aLong = aLong;  
 }  
  
 public float getF() {  
 return f;  
 }  
  
 public void setF(float f) {  
 this.f = f;  
 }  
  
 public Float getaFloat() {  
 return aFloat;  
 }  
  
 public void setaFloat(Float aFloat) {  
 this.aFloat = aFloat;  
 }  
  
 public double getD() {  
 return d;  
 }  
  
 public void setD(double d) {  
 this.d = d;  
 }  
  
 public Double getaDouble() {  
 return aDouble;  
 }  
  
 public void setaDouble(Double aDouble) {  
 this.aDouble = aDouble;  
 }  
  
 public char getC() {  
 return c;  
 }  
  
 public void setC(char c) {  
 this.c = c;  
 }  
  
 public Character getCharacter() {  
 return character;  
 }  
  
 public void setCharacter(Character character) {  
 this.character = character;  
 }  
  
 public boolean isBo() {  
 return bo;  
 }  
  
 public void setBo(boolean bo) {  
 this.bo = bo;  
 }  
  
 public Boolean getaBoolean() {  
 return aBoolean;  
 }  
  
 public void setaBoolean(Boolean aBoolean) {  
 this.aBoolean = aBoolean;  
 }  
  
 public String getaString() {  
 return aString;  
 }  
  
 public void setaString(String aString) {  
 this.aString = aString;  
 }  
}

package eu.senla.task1;  
  
public class Main {  
 static byte *stByte* = 2;  
 static short *stShort* = 19;  
 static int *stInt* = 234;  
 static long *stLong* = 12547;  
 static float *stFloat* = 369825;  
 static double *stDouble* = 2.17;  
 static char *stChar* = 'Q';  
 static boolean *stBoolean* = true;  
  
 static Byte *staticB* = 9;  
 static Short *statikS* = 47;  
 static Integer *statikI* = 789;  
 static Long *statikL* = 41l;  
 static Float *statikF* = 3.2f;  
 static Double *statikD* = 0.1;  
 //static Character statikC = Character.MIN\_VALUE;  
 static Character *statikC* = 1067;  
 static Boolean *sttatikBoo* = false;  
 static String *statikStr*= "Senla";  
  
 public static void main(String[] args){  
 Number number = new Number();  
 number.setB((byte) 111); //ot -128 do 127 1b  
 byte b = number.getB();  
 System.*out*.println("byte " + b);  
  
 number.setS((short)32500); //-32768 +32767 2b  
 short s = number.getS();  
 System.*out*.println("short "+s);  
  
 number.setI((int)264587);  
 int i = number.getI();  
 System.*out*.println("int "+i);  
  
 number.setL((long)5458666L);  
 long l = number.getL();  
 System.*out*.println("long "+l);  
  
 number.setF((float)14f);  
 float f = number.getF();  
 System.*out*.println("float "+f);  
  
 number.setD((double)457841212.3);  
 double d = number.getD();  
 System.*out*.println("double "+d);  
  
 number.setC('S');  
 char c = number.getC();  
 System.*out*.println("char "+c);  
  
 number.setBo((boolean) true);  
 boolean boo = number.isBo();  
 System.*out*.println("boolean "+boo);  
  
 number.setaString("Senla");  
 String aString = number.getaString();  
 System.*out*.println("String "+aString);  
  
 System.*out*.println("---------------");  
  
  
 *stInt* = (int)*stDouble*;  
 System.*out*.println("double v int "+*stInt*);  
  
 *stInt* = 45463;  
 *stLong* = (long)*stInt*;  
 System.*out*.println("int v long "+*stInt*);  
  
 char ch = 'J';  
 int intCh = (int) ch;  
 System.*out*.println("char v int "+ intCh);  
  
 Character newCh = '$';  
 System.*out*.println("1067 - "+ *statikC*);  
 System.*out*.println(newCh + " "+ *statikStr*);  
  
  
 //int newInt = Integer.parseInt();  
 int newInt = Integer.*valueOf*(123);  
 System.*out*.println(newInt);  
  
 }  
}