



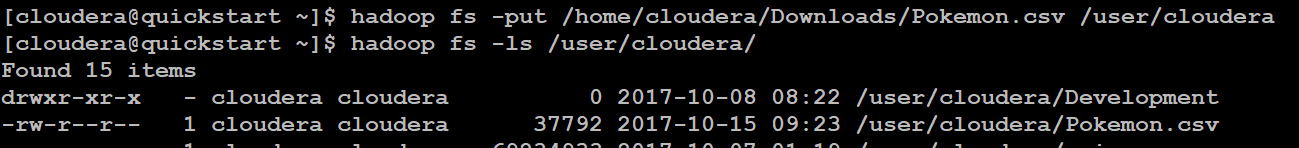
Session 5: Exploring Pig

# Assignment 3 Question

**Downloaded data from given link and followed the given steps**

*https://acadgild.com/blog/pig-use-case-pokemon-data-analysis/*

[cloudera@quickstart ~]$ hadoop fs -put /home/cloudera/Downloads/Pokemon.csv /user/cloudera

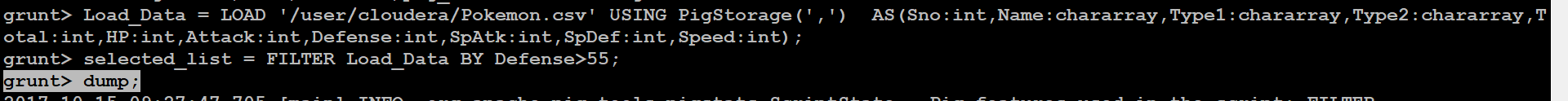


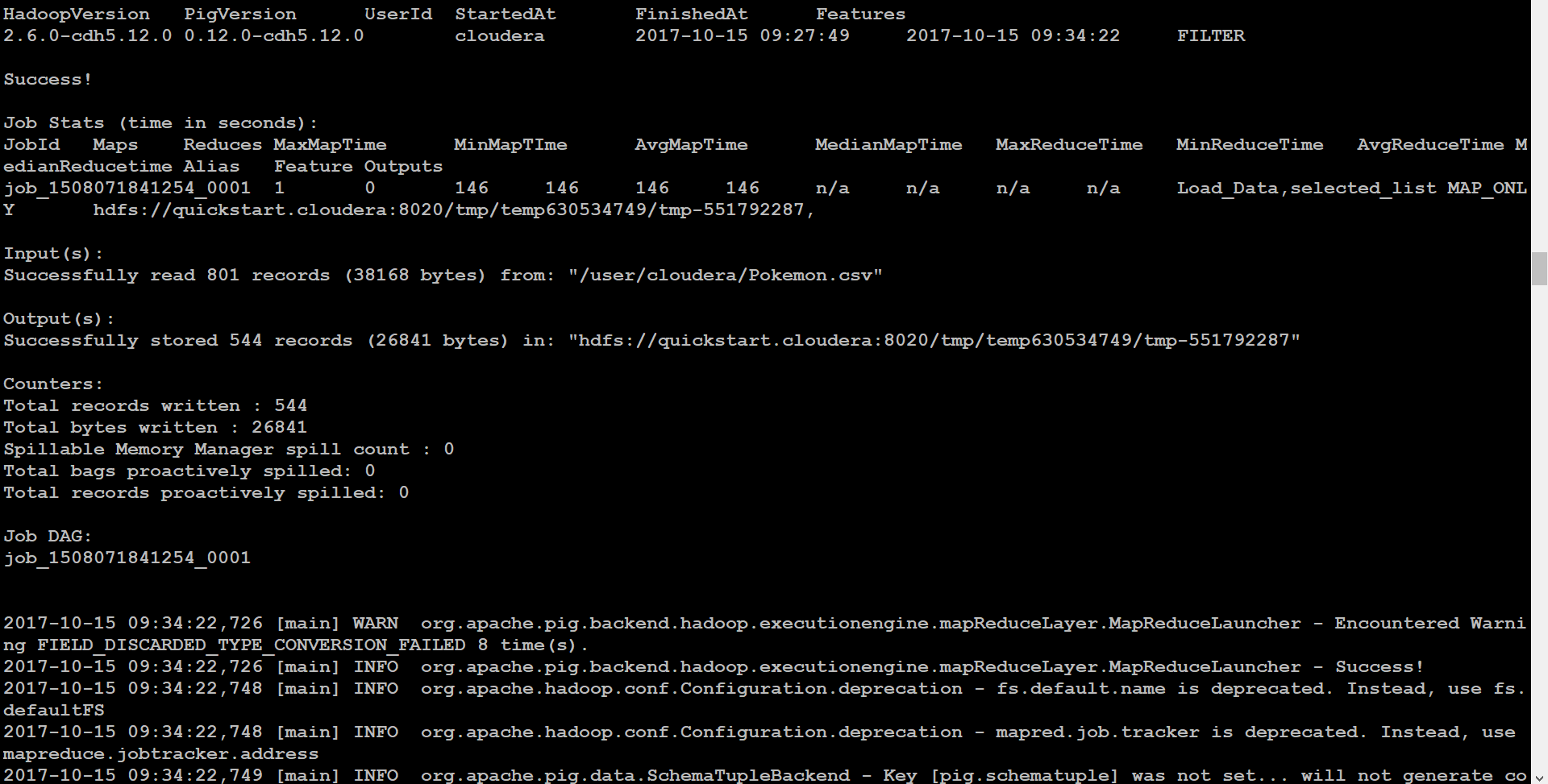
#### Ques 1: Find the list of players that have been selected in the qualifying round (DEFENCE>55).

grunt> Load\_Data = LOAD '/user/cloudera/Pokemon.csv' USING PigStorage(',') AS(Sno:int,Name:chararray,Type1:chararray,Type2:chararray,Total:int,HP:int,Attack:int,Defense:int,SpAtk:int,SpDef:int,Speed:int);

grunt> selected\_list = FILTER Load\_Data BY Defense>55;

grunt> dump;





Output: -

(2,Ivysaur,Grass,Poison,405,60,62,63,80,80,60)

(3,Venusaur,Grass,Poison,525,80,82,83,100,100,80)

(3,VenusaurMega Venusaur,Grass,Poison,625,80,100,123,122,120,80)

(5,Charmeleon,Fire,,405,58,64,58,80,65,80)

(6,Charizard,Fire,Flying,534,78,84,78,109,85,100)

(6,CharizardMega Charizard X,Fire,Dragon,634,78,130,111,130,85,100)

(6,CharizardMega Charizard Y,Fire,Flying,634,78,104,78,159,115,100)

(7,Squirtle,Water,,314,44,48,65,50,64,43)

(8,Wartortle,Water,,405,59,63,80,65,80,58)

(9,Blastoise,Water,,530,79,83,100,85,105,78)

(9,BlastoiseMega Blastoise,Water,,630,79,103,120,135,115,78)

(18,Pidgeot,Normal,Flying,479,83,80,75,70,70,101)

(18,PidgeotMega Pidgeot,Normal,Flying,579,83,80,80,135,80,121)

(20,Raticate,Normal,,413,55,81,60,50,70,97)

(22,Fearow,Normal,Flying,442,65,90,65,61,61,100)

(24,Arbok,Poison,,438,60,85,69,65,79,80)

(27,Sandshrew,Ground,,300,50,75,85,20,30,40)

(28,Sandslash,Ground,,450,75,100,110,45,55,65)

(30,Nidorina,Poison,,365,70,62,67,55,55,56)

(31,Nidoqueen,Poison,Ground,505,90,92,87,75,85,76)

(33,Nidorino,Poison,,365,61,72,57,55,55,65)

(34,Nidoking,Poison,Ground,505,81,102,77,85,75,85)

(36,Clefable,Fairy,,483,95,70,73,95,90,60)

(38,Ninetales,Fire,,505,73,76,75,81,100,100)

(42,Golbat,Poison,Flying,455,75,80,70,65,75,90)

(44,Gloom,Grass,Poison,395,60,65,70,85,75,40)

(45,Vileplume,Grass,Poison,490,75,80,85,110,90,50)

(47,Parasect,Bug,Grass,405,60,95,80,60,80,30)

(49,Venomoth,Bug,Poison,450,70,65,60,90,75,90)

(53,Persian,Normal,,440,65,70,60,65,65,115)

(55,Golduck,Water,,500,80,82,78,95,80,85)

(57,Primeape,Fighting,,455,65,105,60,60,70,95)

(59,Arcanine,Fire,,555,90,110,80,100,80,95)

(61,Poliwhirl,Water,,385,65,65,65,50,50,90)

(62,Poliwrath,Water,Fighting,510,90,95,95,70,90,70)

(65,AlakazamMega Alakazam,Psychic,,590,55,50,65,175,95,150)

(67,Machoke,Fighting,,405,80,100,70,50,60,45)

(68,Machamp,Fighting,,505,90,130,80,65,85,55)

(71,Victreebel,Grass,Poison,490,80,105,65,100,70,70)

(73,Tentacruel,Water,Poison,515,80,70,65,80,120,100)

(74,Geodude,Rock,Ground,300,40,80,100,30,30,20)

(75,Graveler,Rock,Ground,390,55,95,115,45,45,35)

(76,Golem,Rock,Ground,495,80,120,130,55,65,45)

(78,Rapidash,Fire,,500,65,100,70,80,80,105)

(79,Slowpoke,Water,Psychic,315,90,65,65,40,40,15)

(80,Slowbro,Water,Psychic,490,95,75,110,100,80,30)

(80,SlowbroMega Slowbro,Water,Psychic,590,95,75,180,130,80,30)

(81,Magnemite,Electric,Steel,325,25,35,70,95,55,45)

(82,Magneton,Electric,Steel,465,50,60,95,120,70,70)

(85,Dodrio,Normal,Flying,460,60,110,70,60,60,100)

(87,Dewgong,Water,Ice,475,90,70,80,70,95,70)

(89,Muk,Poison,,500,105,105,75,65,100,50)

(90,Shellder,Water,,305,30,65,100,45,25,40)

(91,Cloyster,Water,Ice,525,50,95,180,85,45,70)

(94,Gengar,Ghost,Poison,500,60,65,60,130,75,110)

(94,GengarMega Gengar,Ghost,Poison,600,60,65,80,170,95,130)

(95,Onix,Rock,Ground,385,35,45,160,30,45,70)

(97,Hypno,Psychic,,483,85,73,70,73,115,67)

(98,Krabby,Water,,325,30,105,90,25,25,50)

(99,Kingler,Water,,475,55,130,115,50,50,75)

(101,Electrode,Electric,,480,60,50,70,80,80,140)

(102,Exeggcute,Grass,Psychic,325,60,40,80,60,45,40)

(103,Exeggutor,Grass,Psychic,520,95,95,85,125,65,55)

(104,Cubone,Ground,,320,50,50,95,40,50,35)

(105,Marowak,Ground,,425,60,80,110,50,80,45)

(107,Hitmonchan,Fighting,,455,50,105,79,35,110,76)

(108,Lickitung,Normal,,385,90,55,75,60,75,30)

(109,Koffing,Poison,,340,40,65,95,60,45,35)

(110,Weezing,Poison,,490,65,90,120,85,70,60)

(111,Rhyhorn,Ground,Rock,345,80,85,95,30,30,25)

(112,Rhydon,Ground,Rock,485,105,130,120,45,45,40)

(114,Tangela,Grass,,435,65,55,115,100,40,60)

(115,Kangaskhan,Normal,,490,105,95,80,40,80,90)

(115,KangaskhanMega Kangaskhan,Normal,,590,105,125,100,60,100,100)

(116,Horsea,Water,,295,30,40,70,70,25,60)

(117,Seadra,Water,,440,55,65,95,95,45,85)

(118,Goldeen,Water,,320,45,67,60,35,50,63)

(119,Seaking,Water,,450,80,92,65,65,80,68)

(121,Starmie,Water,Psychic,520,60,75,85,100,85,115)

(122,Mr. Mime,Psychic,Fairy,460,40,45,65,100,120,90)

(123,Scyther,Bug,Flying,500,70,110,80,55,80,105)

(125,Electabuzz,Electric,,490,65,83,57,95,85,105)

(126,Magmar,Fire,,495,65,95,57,100,85,93)

(127,Pinsir,Bug,,500,65,125,100,55,70,85)

(127,PinsirMega Pinsir,Bug,Flying,600,65,155,120,65,90,105)

(128,Tauros,Normal,,490,75,100,95,40,70,110)

(130,Gyarados,Water,Flying,540,95,125,79,60,100,81)

(130,GyaradosMega Gyarados,Water,Dark,640,95,155,109,70,130,81)

(131,Lapras,Water,Ice,535,130,85,80,85,95,60)

(134,Vaporeon,Water,,525,130,65,60,110,95,65)

(135,Jolteon,Electric,,525,65,65,60,110,95,130)

(136,Flareon,Fire,,525,65,130,60,95,110,65)

(137,Porygon,Normal,,395,65,60,70,85,75,40)

(138,Omanyte,Rock,Water,355,35,40,100,90,55,35)

(139,Omastar,Rock,Water,495,70,60,125,115,70,55)

(140,Kabuto,Rock,Water,355,30,80,90,55,45,55)

(141,Kabutops,Rock,Water,495,60,115,105,65,70,80)

(142,Aerodactyl,Rock,Flying,515,80,105,65,60,75,130)

(142,AerodactylMega Aerodactyl,Rock,Flying,615,80,135,85,70,95,150)

(143,Snorlax,Normal,,540,160,110,65,65,110,30)

(144,Articuno,Ice,Flying,580,90,85,100,95,125,85)

(145,Zapdos,Electric,Flying,580,90,90,85,125,90,100)

(146,Moltres,Fire,Flying,580,90,100,90,125,85,90)

(148,Dragonair,Dragon,,420,61,84,65,70,70,70)

(149,Dragonite,Dragon,Flying,600,91,134,95,100,100,80)

(150,Mewtwo,Psychic,,680,106,110,90,154,90,130)

(150,MewtwoMega Mewtwo X,Psychic,Fighting,780,106,190,100,154,100,130)

(150,MewtwoMega Mewtwo Y,Psychic,,780,106,150,70,194,120,140)

(151,Mew,Psychic,,600,100,100,100,100,100,100)

(152,Chikorita,Grass,,318,45,49,65,49,65,45)

(153,Bayleef,Grass,,405,60,62,80,63,80,60)

(154,Meganium,Grass,,525,80,82,100,83,100,80)

(156,Quilava,Fire,,405,58,64,58,80,65,80)

(157,Typhlosion,Fire,,534,78,84,78,109,85,100)

(158,Totodile,Water,,314,50,65,64,44,48,43)

(159,Croconaw,Water,,405,65,80,80,59,63,58)

(160,Feraligatr,Water,,530,85,105,100,79,83,78)

(162,Furret,Normal,,415,85,76,64,45,55,90)

(168,Ariados,Bug,Poison,390,70,90,70,60,60,40)

(169,Crobat,Poison,Flying,535,85,90,80,70,80,130)

(171,Lanturn,Water,Electric,460,125,58,58,76,76,67)

(175,Togepi,Fairy,,245,35,20,65,40,65,20)

(176,Togetic,Fairy,Flying,405,55,40,85,80,105,40)

(178,Xatu,Psychic,Flying,470,65,75,70,95,70,95)

(181,Ampharos,Electric,,510,90,75,85,115,90,55)

(181,AmpharosMega Ampharos,Electric,Dragon,610,90,95,105,165,110,45)

(182,Bellossom,Grass,,490,75,80,95,90,100,50)

(184,Azumarill,Water,Fairy,420,100,50,80,60,80,50)

(185,Sudowoodo,Rock,,410,70,100,115,30,65,30)

(186,Politoed,Water,,500,90,75,75,90,100,70)

(189,Jumpluff,Grass,Flying,460,75,55,70,55,95,110)

(195,Quagsire,Water,Ground,430,95,85,85,65,65,35)

(196,Espeon,Psychic,,525,65,65,60,130,95,110)

(197,Umbreon,Dark,,525,95,65,110,60,130,65)

(199,Slowking,Water,Psychic,490,95,75,80,100,110,30)

(200,Misdreavus,Ghost,,435,60,60,60,85,85,85)

(202,Wobbuffet,Psychic,,405,190,33,58,33,58,33)

(203,Girafarig,Normal,Psychic,455,70,80,65,90,65,85)

(204,Pineco,Bug,,290,50,65,90,35,35,15)

(205,Forretress,Bug,Steel,465,75,90,140,60,60,40)

(206,Dunsparce,Normal,,415,100,70,70,65,65,45)

(207,Gligar,Ground,Flying,430,65,75,105,35,65,85)

(208,Steelix,Steel,Ground,510,75,85,200,55,65,30)

(208,SteelixMega Steelix,Steel,Ground,610,75,125,230,55,95,30)

(210,Granbull,Fairy,,450,90,120,75,60,60,45)

(211,Qwilfish,Water,Poison,430,65,95,75,55,55,85)

(212,Scizor,Bug,Steel,500,70,130,100,55,80,65)

(212,ScizorMega Scizor,Bug,Steel,600,70,150,140,65,100,75)

(213,Shuckle,Bug,Rock,505,20,10,230,10,230,5)

(214,Heracross,Bug,Fighting,500,80,125,75,40,95,85)

(214,HeracrossMega Heracross,Bug,Fighting,600,80,185,115,40,105,75)

(217,Ursaring,Normal,,500,90,130,75,75,75,55)

(219,Magcargo,Fire,Rock,410,50,50,120,80,80,30)

(221,Piloswine,Ice,Ground,450,100,100,80,60,60,50)

(222,Corsola,Water,Rock,380,55,55,85,65,85,35)

(224,Octillery,Water,,480,75,105,75,105,75,45)

(226,Mantine,Water,Flying,465,65,40,70,80,140,70)

(227,Skarmory,Steel,Flying,465,65,80,140,40,70,70)

(229,HoundoomMega Houndoom,Dark,Fire,600,75,90,90,140,90,115)

(230,Kingdra,Water,Dragon,540,75,95,95,95,95,85)

(231,Phanpy,Ground,,330,90,60,60,40,40,40)

(232,Donphan,Ground,,500,90,120,120,60,60,50)

(233,Porygon2,Normal,,515,85,80,90,105,95,60)

(234,Stantler,Normal,,465,73,95,62,85,65,85)

(237,Hitmontop,Fighting,,455,50,95,95,35,110,70)

(241,Miltank,Normal,,490,95,80,105,40,70,100)

(243,Raikou,Electric,,580,90,85,75,115,100,115)

(244,Entei,Fire,,580,115,115,85,90,75,100)

(245,Suicune,Water,,580,100,75,115,90,115,85)

(247,Pupitar,Rock,Ground,410,70,84,70,65,70,51)

(248,Tyranitar,Rock,Dark,600,100,134,110,95,100,61)

(248,TyranitarMega Tyranitar,Rock,Dark,700,100,164,150,95,120,71)

(249,Lugia,Psychic,Flying,680,106,90,130,90,154,110)

(250,Ho-oh,Fire,Flying,680,106,130,90,110,154,90)

(251,Celebi,Psychic,Grass,600,100,100,100,100,100,100)

(254,Sceptile,Grass,,530,70,85,65,105,85,120)

(254,SceptileMega Sceptile,Grass,Dragon,630,70,110,75,145,85,145)

(256,Combusken,Fire,Fighting,405,60,85,60,85,60,55)

(257,Blaziken,Fire,Fighting,530,80,120,70,110,70,80)

(257,BlazikenMega Blaziken,Fire,Fighting,630,80,160,80,130,80,100)

(259,Marshtomp,Water,Ground,405,70,85,70,60,70,50)

(260,Swampert,Water,Ground,535,100,110,90,85,90,60)

(260,SwampertMega Swampert,Water,Ground,635,100,150,110,95,110,70)

(262,Mightyena,Dark,,420,70,90,70,60,60,70)

(264,Linoone,Normal,,420,78,70,61,50,61,100)

(269,Dustox,Bug,Poison,385,60,50,70,50,90,65)

(272,Ludicolo,Water,Grass,480,80,70,70,90,100,70)

(275,Shiftry,Grass,Dark,480,90,100,60,90,60,80)

(277,Swellow,Normal,Flying,430,60,85,60,50,50,125)

(279,Pelipper,Water,Flying,430,60,50,100,85,70,65)

(282,Gardevoir,Psychic,Fairy,518,68,65,65,125,115,80)

(282,GardevoirMega Gardevoir,Psychic,Fairy,618,68,85,65,165,135,100)

(284,Masquerain,Bug,Flying,414,70,60,62,80,82,60)

(285,Shroomish,Grass,,295,60,40,60,40,60,35)

(286,Breloom,Grass,Fighting,460,60,130,80,60,60,70)

(287,Slakoth,Normal,,280,60,60,60,35,35,30)

(288,Vigoroth,Normal,,440,80,80,80,55,55,90)

(289,Slaking,Normal,,670,150,160,100,95,65,100)

(290,Nincada,Bug,Ground,266,31,45,90,30,30,40)

(295,Exploud,Normal,,490,104,91,63,91,73,68)

(297,Hariyama,Fighting,,474,144,120,60,40,60,50)

(299,Nosepass,Rock,,375,30,45,135,45,90,30)

(301,Delcatty,Normal,,380,70,65,65,55,55,70)

(302,Sableye,Dark,Ghost,380,50,75,75,65,65,50)

(302,SableyeMega Sableye,Dark,Ghost,480,50,85,125,85,115,20)

(303,Mawile,Steel,Fairy,380,50,85,85,55,55,50)

(303,MawileMega Mawile,Steel,Fairy,480,50,105,125,55,95,50)

(304,Aron,Steel,Rock,330,50,70,100,40,40,30)

(305,Lairon,Steel,Rock,430,60,90,140,50,50,40)

(306,Aggron,Steel,Rock,530,70,110,180,60,60,50)

(306,AggronMega Aggron,Steel,,630,70,140,230,60,80,50)

(308,Medicham,Fighting,Psychic,410,60,60,75,60,75,80)

(308,MedichamMega Medicham,Fighting,Psychic,510,60,100,85,80,85,100)

(310,Manectric,Electric,,475,70,75,60,105,60,105)

(310,ManectricMega Manectric,Electric,,575,70,75,80,135,80,135)

(317,Swalot,Poison,,467,100,73,83,73,83,55)

(319,SharpedoMega Sharpedo,Water,Dark,560,70,140,70,110,65,105)

(323,Camerupt,Fire,Ground,460,70,100,70,105,75,40)

(323,CameruptMega Camerupt,Fire,Ground,560,70,120,100,145,105,20)

(324,Torkoal,Fire,,470,70,85,140,85,70,20)

(326,Grumpig,Psychic,,470,80,45,65,90,110,80)

(327,Spinda,Normal,,360,60,60,60,60,60,60)

(330,Flygon,Ground,Dragon,520,80,100,80,80,80,100)

(332,Cacturne,Grass,Dark,475,70,115,60,115,60,55)

(333,Swablu,Normal,Flying,310,45,40,60,40,75,50)

(334,Altaria,Dragon,Flying,490,75,70,90,70,105,80)

(334,AltariaMega Altaria,Dragon,Fairy,590,75,110,110,110,105,80)

(335,Zangoose,Normal,,458,73,115,60,60,60,90)

(336,Seviper,Poison,,458,73,100,60,100,60,65)

(337,Lunatone,Rock,Psychic,440,70,55,65,95,85,70)

(338,Solrock,Rock,Psychic,440,70,95,85,55,65,70)

(340,Whiscash,Water,Ground,468,110,78,73,76,71,60)

(341,Corphish,Water,,308,43,80,65,50,35,35)

(342,Crawdaunt,Water,Dark,468,63,120,85,90,55,55)

(344,Claydol,Ground,Psychic,500,60,70,105,70,120,75)

(345,Lileep,Rock,Grass,355,66,41,77,61,87,23)

(346,Cradily,Rock,Grass,495,86,81,97,81,107,43)

(348,Armaldo,Rock,Bug,495,75,125,100,70,80,45)

(350,Milotic,Water,,540,95,60,79,100,125,81)

(351,Castform,Normal,,420,70,70,70,70,70,70)

(352,Kecleon,Normal,,440,60,90,70,60,120,40)

(354,Banette,Ghost,,455,64,115,65,83,63,65)

(354,BanetteMega Banette,Ghost,,555,64,165,75,93,83,75)

(355,Duskull,Ghost,,295,20,40,90,30,90,25)

(356,Dusclops,Ghost,,455,40,70,130,60,130,25)

(357,Tropius,Grass,Flying,460,99,68,83,72,87,51)

(358,Chimecho,Psychic,,425,65,50,70,95,80,65)

(359,Absol,Dark,,465,65,130,60,75,60,75)

(359,AbsolMega Absol,Dark,,565,65,150,60,115,60,115)

(362,Glalie,Ice,,480,80,80,80,80,80,80)

(362,GlalieMega Glalie,Ice,,580,80,120,80,120,80,100)

(364,Sealeo,Ice,Water,410,90,60,70,75,70,45)

(365,Walrein,Ice,Water,530,110,80,90,95,90,65)

(366,Clamperl,Water,,345,35,64,85,74,55,32)

(367,Huntail,Water,,485,55,104,105,94,75,52)

(368,Gorebyss,Water,,485,55,84,105,114,75,52)

(369,Relicanth,Water,Rock,485,100,90,130,45,65,55)

(371,Bagon,Dragon,,300,45,75,60,40,30,50)

(372,Shelgon,Dragon,,420,65,95,100,60,50,50)

(373,Salamence,Dragon,Flying,600,95,135,80,110,80,100)

(373,SalamenceMega Salamence,Dragon,Flying,700,95,145,130,120,90,120)

(374,Beldum,Steel,Psychic,300,40,55,80,35,60,30)

(375,Metang,Steel,Psychic,420,60,75,100,55,80,50)

(376,Metagross,Steel,Psychic,600,80,135,130,95,90,70)

(376,MetagrossMega Metagross,Steel,Psychic,700,80,145,150,105,110,110)

(377,Regirock,Rock,,580,80,100,200,50,100,50)

(378,Regice,Ice,,580,80,50,100,100,200,50)

(379,Registeel,Steel,,580,80,75,150,75,150,50)

(380,Latias,Dragon,Psychic,600,80,80,90,110,130,110)

(380,LatiasMega Latias,Dragon,Psychic,700,80,100,120,140,150,110)

(381,Latios,Dragon,Psychic,600,80,90,80,130,110,110)

(381,LatiosMega Latios,Dragon,Psychic,700,80,130,100,160,120,110)

(382,Kyogre,Water,,670,100,100,90,150,140,90)

(382,KyogrePrimal Kyogre,Water,,770,100,150,90,180,160,90)

(383,Groudon,Ground,,670,100,150,140,100,90,90)

(383,GroudonPrimal Groudon,Ground,Fire,770,100,180,160,150,90,90)

(384,Rayquaza,Dragon,Flying,680,105,150,90,150,90,95)

(384,RayquazaMega Rayquaza,Dragon,Flying,780,105,180,100,180,100,115)

(385,Jirachi,Steel,Psychic,600,100,100,100,100,100,100)

(386,DeoxysDefense Forme,Psychic,,600,50,70,160,70,160,90)

(386,DeoxysSpeed Forme,Psychic,,600,50,95,90,95,90,180)

(387,Turtwig,Grass,,318,55,68,64,45,55,31)

(388,Grotle,Grass,,405,75,89,85,55,65,36)

(389,Torterra,Grass,Ground,525,95,109,105,75,85,56)

(392,Infernape,Fire,Fighting,534,76,104,71,104,71,108)

(394,Prinplup,Water,,405,64,66,68,81,76,50)

(395,Empoleon,Water,Steel,530,84,86,88,111,101,60)

(398,Staraptor,Normal,Flying,485,85,120,70,50,60,100)

(400,Bibarel,Normal,Water,410,79,85,60,55,60,71)

(405,Luxray,Electric,,523,80,120,79,95,79,70)

(407,Roserade,Grass,Poison,515,60,70,65,125,105,90)

(409,Rampardos,Rock,,495,97,165,60,65,50,58)

(410,Shieldon,Rock,Steel,350,30,42,118,42,88,30)

(411,Bastiodon,Rock,Steel,495,60,52,168,47,138,30)

(413,WormadamPlant Cloak,Bug,Grass,424,60,59,85,79,105,36)

(413,WormadamSandy Cloak,Bug,Ground,424,60,79,105,59,85,36)

(413,WormadamTrash Cloak,Bug,Steel,424,60,69,95,69,95,36)

(416,Vespiquen,Bug,Flying,474,70,80,102,80,102,40)

(417,Pachirisu,Electric,,405,60,45,70,45,90,95)

(421,Cherrim,Grass,,450,70,60,70,87,78,85)

(423,Gastrodon,Water,Ground,475,111,83,68,92,82,39)

(424,Ambipom,Normal,,482,75,100,66,60,66,115)

(428,Lopunny,Normal,,480,65,76,84,54,96,105)

(428,LopunnyMega Lopunny,Normal,Fighting,580,65,136,94,54,96,135)

(429,Mismagius,Ghost,,495,60,60,60,105,105,105)

(432,Purugly,Normal,,452,71,82,64,64,59,112)

(435,Skuntank,Poison,Dark,479,103,93,67,71,61,84)

(436,Bronzor,Steel,Psychic,300,57,24,86,24,86,23)

(437,Bronzong,Steel,Psychic,500,67,89,116,79,116,33)

(438,Bonsly,Rock,,290,50,80,95,10,45,10)

(442,Spiritomb,Ghost,Dark,485,50,92,108,92,108,35)

(444,Gabite,Dragon,Ground,410,68,90,65,50,55,82)

(445,Garchomp,Dragon,Ground,600,108,130,95,80,85,102)

(445,GarchompMega Garchomp,Dragon,Ground,700,108,170,115,120,95,92)

(448,Lucario,Fighting,Steel,525,70,110,70,115,70,90)

(448,LucarioMega Lucario,Fighting,Steel,625,70,145,88,140,70,112)

(449,Hippopotas,Ground,,330,68,72,78,38,42,32)

(450,Hippowdon,Ground,,525,108,112,118,68,72,47)

(451,Skorupi,Poison,Bug,330,40,50,90,30,55,65)

(452,Drapion,Poison,Dark,500,70,90,110,60,75,95)

(454,Toxicroak,Poison,Fighting,490,83,106,65,86,65,85)

(455,Carnivine,Grass,,454,74,100,72,90,72,46)

(456,Finneon,Water,,330,49,49,56,49,61,66)

(457,Lumineon,Water,,460,69,69,76,69,86,91)

(460,Abomasnow,Grass,Ice,494,90,92,75,92,85,60)

(460,AbomasnowMega Abomasnow,Grass,Ice,594,90,132,105,132,105,30)

(461,Weavile,Dark,Ice,510,70,120,65,45,85,125)

(462,Magnezone,Electric,Steel,535,70,70,115,130,90,60)

(463,Lickilicky,Normal,,515,110,85,95,80,95,50)

(464,Rhyperior,Ground,Rock,535,115,140,130,55,55,40)

(465,Tangrowth,Grass,,535,100,100,125,110,50,50)

(466,Electivire,Electric,,540,75,123,67,95,85,95)

(467,Magmortar,Fire,,540,75,95,67,125,95,83)

(468,Togekiss,Fairy,Flying,545,85,50,95,120,115,80)

(469,Yanmega,Bug,Flying,515,86,76,86,116,56,95)

(470,Leafeon,Grass,,525,65,110,130,60,65,95)

(471,Glaceon,Ice,,525,65,60,110,130,95,65)

(472,Gliscor,Ground,Flying,510,75,95,125,45,75,95)

(473,Mamoswine,Ice,Ground,530,110,130,80,70,60,80)

(474,Porygon-Z,Normal,,535,85,80,70,135,75,90)

(475,Gallade,Psychic,Fighting,518,68,125,65,65,115,80)

(475,GalladeMega Gallade,Psychic,Fighting,618,68,165,95,65,115,110)

(476,Probopass,Rock,Steel,525,60,55,145,75,150,40)

(477,Dusknoir,Ghost,,525,45,100,135,65,135,45)

(478,Froslass,Ice,Ghost,480,70,80,70,80,70,110)

(479,Rotom,Electric,Ghost,440,50,50,77,95,77,91)

(479,RotomHeat Rotom,Electric,Fire,520,50,65,107,105,107,86)

(479,RotomWash Rotom,Electric,Water,520,50,65,107,105,107,86)

(479,RotomFrost Rotom,Electric,Ice,520,50,65,107,105,107,86)

(479,RotomFan Rotom,Electric,Flying,520,50,65,107,105,107,86)

(479,RotomMow Rotom,Electric,Grass,520,50,65,107,105,107,86)

(480,Uxie,Psychic,,580,75,75,130,75,130,95)

(481,Mesprit,Psychic,,580,80,105,105,105,105,80)

(482,Azelf,Psychic,,580,75,125,70,125,70,115)

(483,Dialga,Steel,Dragon,680,100,120,120,150,100,90)

(484,Palkia,Water,Dragon,680,90,120,100,150,120,100)

(485,Heatran,Fire,Steel,600,91,90,106,130,106,77)

(486,Regigigas,Normal,,670,110,160,110,80,110,100)

(487,GiratinaAltered Forme,Ghost,Dragon,680,150,100,120,100,120,90)

(487,GiratinaOrigin Forme,Ghost,Dragon,680,150,120,100,120,100,90)

(488,Cresselia,Psychic,,600,120,70,120,75,130,85)

(489,Phione,Water,,480,80,80,80,80,80,80)

(490,Manaphy,Water,,600,100,100,100,100,100,100)

(491,Darkrai,Dark,,600,70,90,90,135,90,125)

(492,ShayminLand Forme,Grass,,600,100,100,100,100,100,100)

(492,ShayminSky Forme,Grass,Flying,600,100,103,75,120,75,127)

(493,Arceus,Normal,,720,120,120,120,120,120,120)

(494,Victini,Psychic,Fire,600,100,100,100,100,100,100)

(496,Servine,Grass,,413,60,60,75,60,75,83)

(497,Serperior,Grass,,528,75,75,95,75,95,113)

(500,Emboar,Fire,Fighting,528,110,123,65,100,65,65)

(502,Dewott,Water,,413,75,75,60,83,60,60)

(503,Samurott,Water,,528,95,100,85,108,70,70)

(505,Watchog,Normal,,420,60,85,69,60,69,77)

(507,Herdier,Normal,,370,65,80,65,35,65,60)

(508,Stoutland,Normal,,500,85,110,90,45,90,80)

(512,Simisage,Grass,,498,75,98,63,98,63,101)

(514,Simisear,Fire,,498,75,98,63,98,63,101)

(516,Simipour,Water,,498,75,98,63,98,63,101)

(518,Musharna,Psychic,,487,116,55,85,107,95,29)

(520,Tranquill,Normal,Flying,358,62,77,62,50,42,65)

(521,Unfezant,Normal,Flying,488,80,115,80,65,55,93)

(523,Zebstrika,Electric,,497,75,100,63,80,63,116)

(524,Roggenrola,Rock,,280,55,75,85,25,25,15)

(525,Boldore,Rock,,390,70,105,105,50,40,20)

(526,Gigalith,Rock,,515,85,135,130,60,80,25)

(530,Excadrill,Ground,Steel,508,110,135,60,50,65,88)

(531,Audino,Normal,,445,103,60,86,60,86,50)

(531,AudinoMega Audino,Normal,Fairy,545,103,60,126,80,126,50)

(533,Gurdurr,Fighting,,405,85,105,85,40,50,40)

(534,Conkeldurr,Fighting,,505,105,140,95,55,65,45)

(537,Seismitoad,Water,Ground,509,105,95,75,85,75,74)

(538,Throh,Fighting,,465,120,100,85,30,85,45)

(539,Sawk,Fighting,,465,75,125,75,30,75,85)

(540,Sewaddle,Bug,Grass,310,45,53,70,40,60,42)

(541,Swadloon,Bug,Grass,380,55,63,90,50,80,42)

(542,Leavanny,Bug,Grass,500,75,103,80,70,80,92)

(543,Venipede,Bug,Poison,260,30,45,59,30,39,57)

(544,Whirlipede,Bug,Poison,360,40,55,99,40,79,47)

(545,Scolipede,Bug,Poison,485,60,100,89,55,69,112)

(546,Cottonee,Grass,Fairy,280,40,27,60,37,50,66)

(547,Whimsicott,Grass,Fairy,480,60,67,85,77,75,116)

(549,Lilligant,Grass,,480,70,60,75,110,75,90)

(550,Basculin,Water,,460,70,92,65,80,55,98)

(553,Krookodile,Ground,Dark,519,95,117,80,65,70,92)

(555,DarmanitanZen Mode,Fire,Psychic,540,105,30,105,140,105,55)

(556,Maractus,Grass,,461,75,86,67,106,67,60)

(557,Dwebble,Bug,Rock,325,50,65,85,35,35,55)

(558,Crustle,Bug,Rock,475,70,95,125,65,75,45)

(559,Scraggy,Dark,Fighting,348,50,75,70,35,70,48)

(560,Scrafty,Dark,Fighting,488,65,90,115,45,115,58)

(561,Sigilyph,Psychic,Flying,490,72,58,80,103,80,97)

(562,Yamask,Ghost,,303,38,30,85,55,65,30)

(563,Cofagrigus,Ghost,,483,58,50,145,95,105,30)

(564,Tirtouga,Water,Rock,355,54,78,103,53,45,22)

(565,Carracosta,Water,Rock,495,74,108,133,83,65,32)

(567,Archeops,Rock,Flying,567,75,140,65,112,65,110)

(568,Trubbish,Poison,,329,50,50,62,40,62,65)

(569,Garbodor,Poison,,474,80,95,82,60,82,75)

(571,Zoroark,Dark,,510,60,105,60,120,60,105)

(573,Cinccino,Normal,,470,75,95,60,65,60,115)

(575,Gothorita,Psychic,,390,60,45,70,75,85,55)

(576,Gothitelle,Psychic,,490,70,55,95,95,110,65)

(579,Reuniclus,Psychic,,490,110,65,75,125,85,30)

(581,Swanna,Water,Flying,473,75,87,63,87,63,98)

(583,Vanillish,Ice,,395,51,65,65,80,75,59)

(584,Vanilluxe,Ice,,535,71,95,85,110,95,79)

(586,Sawsbuck,Normal,Grass,475,80,100,70,60,70,95)

(587,Emolga,Electric,Flying,428,55,75,60,75,60,103)

(589,Escavalier,Bug,Steel,495,70,135,105,60,105,20)

(591,Amoonguss,Grass,Poison,464,114,85,70,85,80,30)

(593,Jellicent,Water,Ghost,480,100,60,70,85,105,60)

(594,Alomomola,Water,,470,165,75,80,40,45,65)

(596,Galvantula,Bug,Electric,472,70,77,60,97,60,108)

(597,Ferroseed,Grass,Steel,305,44,50,91,24,86,10)

(598,Ferrothorn,Grass,Steel,489,74,94,131,54,116,20)

(599,Klink,Steel,,300,40,55,70,45,60,30)

(600,Klang,Steel,,440,60,80,95,70,85,50)

(601,Klinklang,Steel,,520,60,100,115,70,85,90)

(603,Eelektrik,Electric,,405,65,85,70,75,70,40)

(604,Eelektross,Electric,,515,85,115,80,105,80,50)

(606,Beheeyem,Psychic,,485,75,75,75,125,95,40)

(608,Lampent,Ghost,Fire,370,60,40,60,95,60,55)

(609,Chandelure,Ghost,Fire,520,60,55,90,145,90,80)

(610,Axew,Dragon,,320,46,87,60,30,40,57)

(611,Fraxure,Dragon,,410,66,117,70,40,50,67)

(612,Haxorus,Dragon,,540,76,147,90,60,70,97)

(614,Beartic,Ice,,485,95,110,80,70,80,50)

(616,Shelmet,Bug,,305,50,40,85,40,65,25)

(618,Stunfisk,Ground,Electric,471,109,66,84,81,99,32)

(620,Mienshao,Fighting,,510,65,125,60,95,60,105)

(621,Druddigon,Dragon,,485,77,120,90,60,90,48)

(623,Golurk,Ground,Ghost,483,89,124,80,55,80,55)

(624,Pawniard,Dark,Steel,340,45,85,70,40,40,60)

(625,Bisharp,Dark,Steel,490,65,125,100,60,70,70)

(626,Bouffalant,Normal,,490,95,110,95,40,95,55)

(628,Braviary,Normal,Flying,510,100,123,75,57,75,80)

(629,Vullaby,Dark,Flying,370,70,55,75,45,65,60)

(630,Mandibuzz,Dark,Flying,510,110,65,105,55,95,80)

(631,Heatmor,Fire,,484,85,97,66,105,66,65)

(632,Durant,Bug,Steel,484,58,109,112,48,48,109)

(634,Zweilous,Dark,Dragon,420,72,85,70,65,70,58)

(635,Hydreigon,Dark,Dragon,600,92,105,90,125,90,98)

(637,Volcarona,Bug,Fire,550,85,60,65,135,105,100)

(638,Cobalion,Steel,Fighting,580,91,90,129,90,72,108)

(639,Terrakion,Rock,Fighting,580,91,129,90,72,90,108)

(640,Virizion,Grass,Fighting,580,91,90,72,90,129,108)

(641,TornadusIncarnate Forme,Flying,,580,79,115,70,125,80,111)

(641,TornadusTherian Forme,Flying,,580,79,100,80,110,90,121)

(642,ThundurusIncarnate Forme,Electric,Flying,580,79,115,70,125,80,111)

(642,ThundurusTherian Forme,Electric,Flying,580,79,105,70,145,80,101)

(643,Reshiram,Dragon,Fire,680,100,120,100,150,120,90)

(644,Zekrom,Dragon,Electric,680,100,150,120,120,100,90)

(645,LandorusIncarnate Forme,Ground,Flying,600,89,125,90,115,80,101)

(645,LandorusTherian Forme,Ground,Flying,600,89,145,90,105,80,91)

(646,Kyurem,Dragon,Ice,660,125,130,90,130,90,95)

(646,KyuremBlack Kyurem,Dragon,Ice,700,125,170,100,120,90,95)

(646,KyuremWhite Kyurem,Dragon,Ice,700,125,120,90,170,100,95)

(647,KeldeoOrdinary Forme,Water,Fighting,580,91,72,90,129,90,108)

(647,KeldeoResolute Forme,Water,Fighting,580,91,72,90,129,90,108)

(648,MeloettaAria Forme,Normal,Psychic,600,100,77,77,128,128,90)

(648,MeloettaPirouette Forme,Normal,Fighting,600,100,128,90,77,77,128)

(649,Genesect,Bug,Steel,600,71,120,95,120,95,99)

(650,Chespin,Grass,,313,56,61,65,48,45,38)

(651,Quilladin,Grass,,405,61,78,95,56,58,57)

(52,Chesnaught,Grass,Fighting,530,88,107,122,74,75,64)

(654,Braixen,Fire,,409,59,59,58,90,70,73)

(655,Delphox,Fire,Psychic,534,75,69,72,114,100,104)

(658,Greninja,Water,Dark,530,72,95,67,103,71,122)

(660,Diggersby,Normal,Ground,423,85,56,77,50,77,78)

(663,Talonflame,Fire,Flying,499,78,81,71,74,69,126)

(665,Spewpa,Bug,,213,45,22,60,27,30,29)

(667,Litleo,Fire,Normal,369,62,50,58,73,54,72)

(668,Pyroar,Fire,Normal,507,86,68,72,109,66,106)

(671,Florges,Fairy,,552,78,65,68,112,154,75)

(673,Gogoat,Grass,,531,123,100,62,97,81,68)

(674,Pancham,Fighting,,348,67,82,62,46,48,43)

(675,Pangoro,Fighting,Dark,495,95,124,78,69,71,58)

(676,Furfrou,Normal,,472,75,80,60,65,90,102)

(678,MeowsticMale,Psychic,,466,74,48,76,83,81,104)

(678,MeowsticFemale,Psychic,,466,74,48,76,83,81,104)

(679,Honedge,Steel,Ghost,325,45,80,100,35,37,28)

(680,Doublade,Steel,Ghost,448,59,110,150,45,49,35)

(681,AegislashShield Forme,Steel,Ghost,520,60,50,150,50,150,60)

(682,Spritzee,Fairy,,341,78,52,60,63,65,23)

(683,Aromatisse,Fairy,,462,101,72,72,99,89,29)

(684,Swirlix,Fairy,,341,62,48,66,59,57,49)

(685,Slurpuff,Fairy,,480,82,80,86,85,75,72)

(687,Malamar,Dark,Psychic,482,86,92,88,68,75,73)

(688,Binacle,Rock,Water,306,42,52,67,39,56,50)

(689,Barbaracle,Rock,Water,500,72,105,115,54,86,68)

(690,Skrelp,Poison,Water,320,50,60,60,60,60,30)

(691,Dragalge,Poison,Dragon,494,65,75,90,97,123,44)

(692,Clauncher,Water,,330,50,53,62,58,63,44)

(693,Clawitzer,Water,,500,71,73,88,120,89,59)

(696,Tyrunt,Rock,Dragon,362,58,89,77,45,45,48)

(697,Tyrantrum,Rock,Dragon,521,82,121,119,69,59,71)

(699,Aurorus,Rock,Ice,521,123,77,72,99,92,58)

(700,Sylveon,Fairy,,525,95,65,65,110,130,60)

(701,Hawlucha,Fighting,Flying,500,78,92,75,74,63,118)

(702,Dedenne,Electric,Fairy,431,67,58,57,81,67,101)

(703,Carbink,Rock,Fairy,500,50,50,150,50,150,50)

(706,Goodra,Dragon,,600,90,100,70,110,150,80)

(707,Klefki,Steel,Fairy,470,57,80,91,80,87,75)

(709,Trevenant,Ghost,Grass,474,85,110,76,65,82,56)

(710,PumpkabooAverage Size,Ghost,Grass,335,49,66,70,44,55,51)

(710,PumpkabooSmall Size,Ghost,Grass,335,44,66,70,44,55,56)

(710,PumpkabooLarge Size,Ghost,Grass,335,54,66,70,44,55,46)

(710,PumpkabooSuper Size,Ghost,Grass,335,59,66,70,44,55,41)

(711,GourgeistAverage Size,Ghost,Grass,494,65,90,122,58,75,84)

(711,GourgeistSmall Size,Ghost,Grass,494,55,85,122,58,75,99)

(711,GourgeistLarge Size,Ghost,Grass,494,75,95,122,58,75,69)

(711,GourgeistSuper Size,Ghost,Grass,494,85,100,122,58,75,54)

(712,Bergmite,Ice,,304,55,69,85,32,35,28)

(713,Avalugg,Ice,,514,95,117,184,44,46,28)

(715,Noivern,Flying,Dragon,535,85,70,80,97,80,123)

(716,Xerneas,Fairy,,680,126,131,95,131,98,99)

(717,Yveltal,Dark,Flying,680,126,131,95,131,98,99)

(718,Zygarde50% Forme,Dragon,Ground,600,108,100,121,81,95,95)

(719,Diancie,Rock,Fairy,600,50,100,150,100,150,50)

(719,DiancieMega Diancie,Rock,Fairy,700,50,160,110,160,110,110)

(720,HoopaHoopa Confined,Psychic,Ghost,600,80,110,60,150,130,70)

(720,HoopaHoopa Unbound,Psychic,Dark,680,80,160,60,170,130,80)

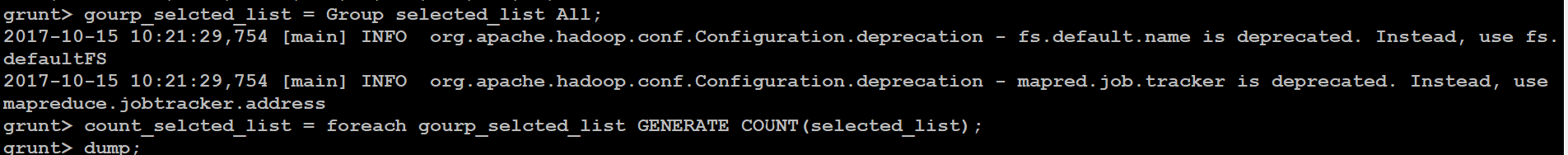
(721,Volcanion,Fire,Water,600,80,110,120,130,90,70)

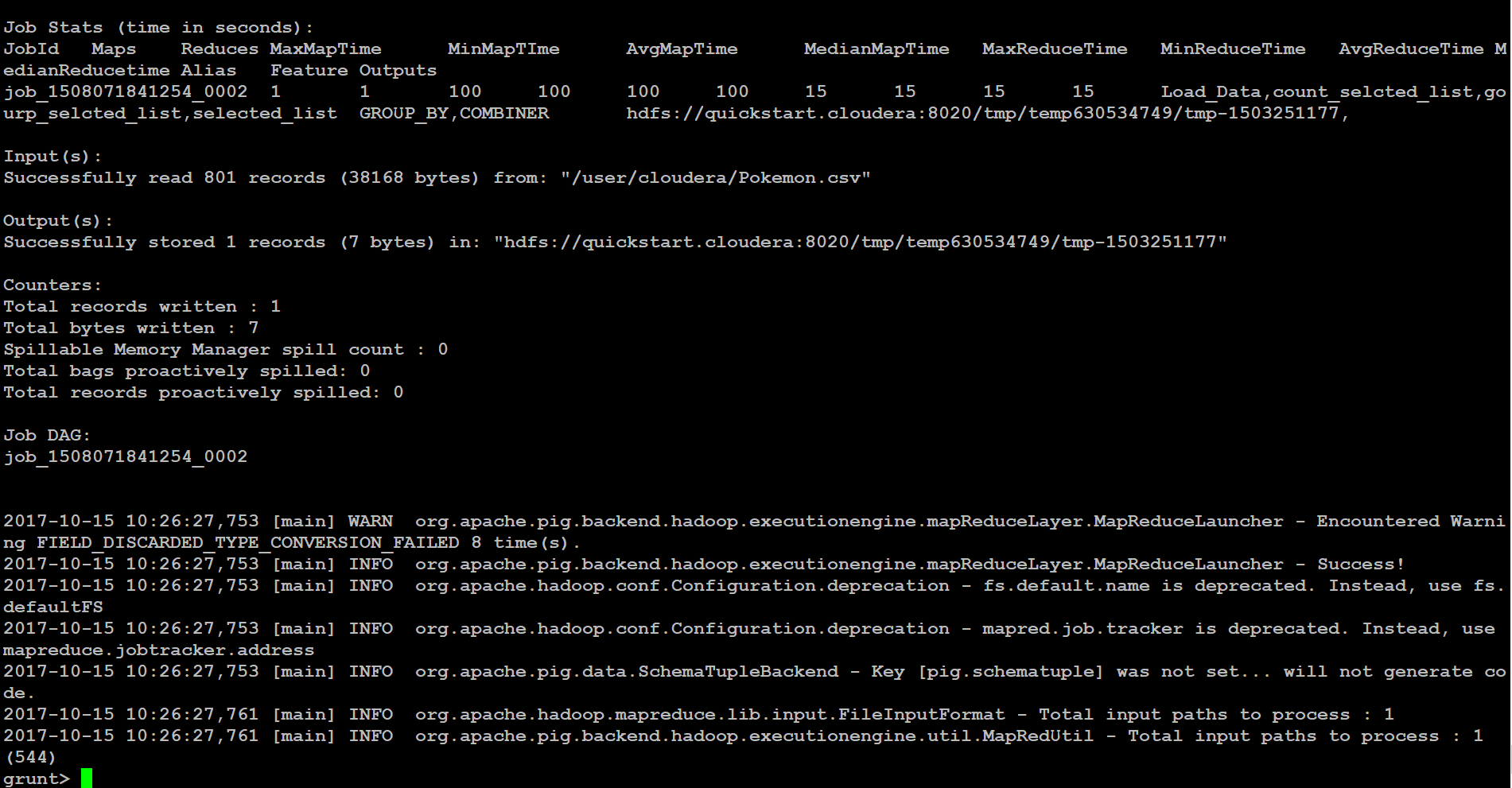
#### Ques 2: State the number of players taking part in the competition after getting selected in the qualifying round.

grunt> gourp\_selcted\_list = Group selected\_list All;

grunt> count\_selcted\_list = foreach gourp\_selcted\_list GENERATE COUNT(selected\_list);

grunt> dump;





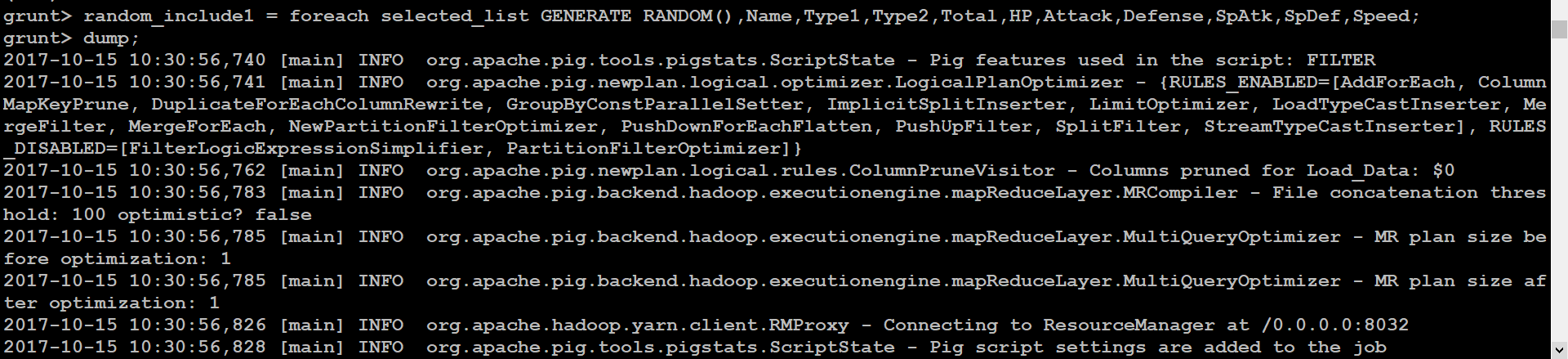
Output: -

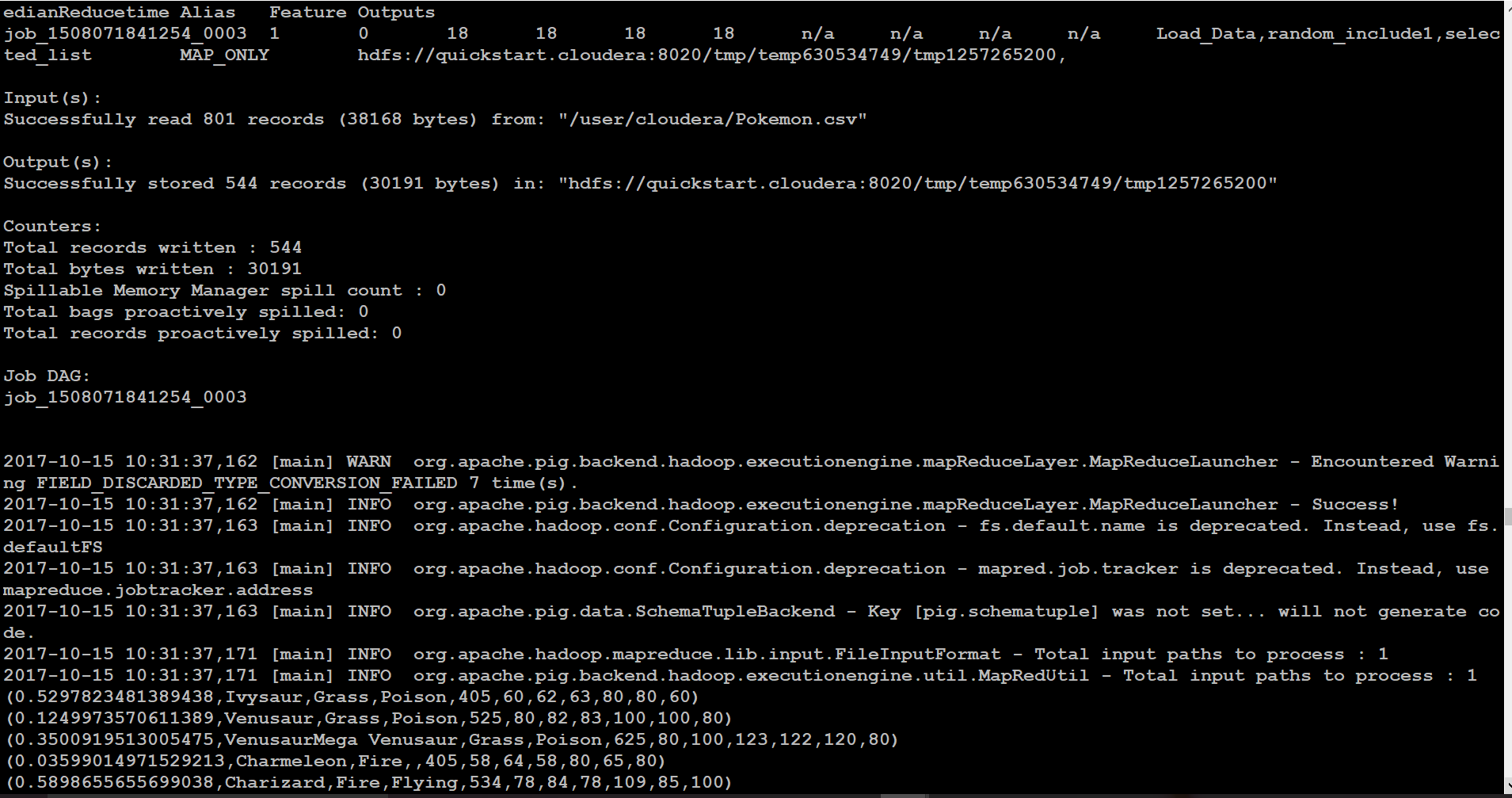
(544)

#### Ques 3: Using random() generate random numbers for each Pokémon on the selected list

grunt> random\_include1 = foreach selected\_list GENERATE RANDOM(),Name,Type1,Type2,Total,HP,Attack,Defense,SpAtk,SpDef,Speed;

grunt> dump;





Output:-

(0.5297823481389438,Ivysaur,Grass,Poison,405,60,62,63,80,80,60)

(0.1249973570611389,Venusaur,Grass,Poison,525,80,82,83,100,100,80)

(0.3500919513005475,VenusaurMega Venusaur,Grass,Poison,625,80,100,123,122,120,80)

(0.03599014971529213,Charmeleon,Fire,,405,58,64,58,80,65,80)

(0.5898655655699038,Charizard,Fire,Flying,534,78,84,78,109,85,100)

(0.792553856634713,CharizardMega Charizard X,Fire,Dragon,634,78,130,111,130,85,100)

(0.8957917136166451,CharizardMega Charizard Y,Fire,Flying,634,78,104,78,159,115,100)

(0.3840480126739144,Squirtle,Water,,314,44,48,65,50,64,43)

(0.4023665232861051,Wartortle,Water,,405,59,63,80,65,80,58)

(0.3809338076681298,Blastoise,Water,,530,79,83,100,85,105,78)

(0.5462448215177765,BlastoiseMega Blastoise,Water,,630,79,103,120,135,115,78)

(0.513977053135191,Pidgeot,Normal,Flying,479,83,80,75,70,70,101)

(0.7106224526648687,PidgeotMega Pidgeot,Normal,Flying,579,83,80,80,135,80,121)

(0.13122612681937906,Raticate,Normal,,413,55,81,60,50,70,97)

(0.7336605357091014,Fearow,Normal,Flying,442,65,90,65,61,61,100)

(0.6698730505137005,Arbok,Poison,,438,60,85,69,65,79,80)

(0.17400452903818975,Sandshrew,Ground,,300,50,75,85,20,30,40)

(0.6300240184431665,Sandslash,Ground,,450,75,100,110,45,55,65)

(0.7588957218091161,Nidorina,Poison,,365,70,62,67,55,55,56)

(0.5006665495019668,Nidoqueen,Poison,Ground,505,90,92,87,75,85,76)

(0.5300061674352932,Nidorino,Poison,,365,61,72,57,55,55,65)

(0.96257486334923,Nidoking,Poison,Ground,505,81,102,77,85,75,85)

(0.6233663988589068,Clefable,Fairy,,483,95,70,73,95,90,60)

(0.2920200302289947,Ninetales,Fire,,505,73,76,75,81,100,100)

(0.2876358992350776,Golbat,Poison,Flying,455,75,80,70,65,75,90)

(0.7920480570259917,Gloom,Grass,Poison,395,60,65,70,85,75,40)

(0.9651550039731756,Vileplume,Grass,Poison,490,75,80,85,110,90,50)

(0.8794851963455019,Parasect,Bug,Grass,405,60,95,80,60,80,30)

(0.9790004729938098,Venomoth,Bug,Poison,450,70,65,60,90,75,90)

(0.016074181443060276,Persian,Normal,,440,65,70,60,65,65,115)

(0.4235624043794233,Golduck,Water,,500,80,82,78,95,80,85)

(0.36721845022038324,Primeape,Fighting,,455,65,105,60,60,70,95)

(0.2235033367448026,Arcanine,Fire,,555,90,110,80,100,80,95)

(0.04331086212776003,Poliwhirl,Water,,385,65,65,65,50,50,90)

(0.37451813623197405,Poliwrath,Water,Fighting,510,90,95,95,70,90,70)

(0.18377914055598354,AlakazamMega Alakazam,Psychic,,590,55,50,65,175,95,150)

(0.11787271721579484,Machoke,Fighting,,405,80,100,70,50,60,45)

(0.4056417902052274,Machamp,Fighting,,505,90,130,80,65,85,55)

(0.12867620028440374,Victreebel,Grass,Poison,490,80,105,65,100,70,70)

(0.1950120438089834,Tentacruel,Water,Poison,515,80,70,65,80,120,100)

(0.7552723222925773,Geodude,Rock,Ground,300,40,80,100,30,30,20)

(0.3757174507368608,Graveler,Rock,Ground,390,55,95,115,45,45,35)

(0.36468804083865813,Golem,Rock,Ground,495,80,120,130,55,65,45)

(0.5637415400427124,Rapidash,Fire,,500,65,100,70,80,80,105)

(0.9980369421275213,Slowpoke,Water,Psychic,315,90,65,65,40,40,15)

(0.49489708233127194,Slowbro,Water,Psychic,490,95,75,110,100,80,30)

(0.7820578544665079,SlowbroMega Slowbro,Water,Psychic,590,95,75,180,130,80,30)

(0.7969822567062186,Magnemite,Electric,Steel,325,25,35,70,95,55,45)

(0.981114300601427,Magneton,Electric,Steel,465,50,60,95,120,70,70)

(0.4332532506874881,Dodrio,Normal,Flying,460,60,110,70,60,60,100)

(0.7011502198827086,Dewgong,Water,Ice,475,90,70,80,70,95,70)

(0.9535964957950536,Muk,Poison,,500,105,105,75,65,100,50)

(0.2070835167046754,Shellder,Water,,305,30,65,100,45,25,40)

(0.4011523756016109,Cloyster,Water,Ice,525,50,95,180,85,45,70)

(0.6123333639175311,Gengar,Ghost,Poison,500,60,65,60,130,75,110)

(0.29880655421201174,GengarMega Gengar,Ghost,Poison,600,60,65,80,170,95,130)

(0.5086594003031996,Onix,Rock,Ground,385,35,45,160,30,45,70)

(0.41102513181048406,Hypno,Psychic,,483,85,73,70,73,115,67)

(0.48190613121911574,Krabby,Water,,325,30,105,90,25,25,50)

(0.7866954894541821,Kingler,Water,,475,55,130,115,50,50,75)

(0.6008815270741319,Electrode,Electric,,480,60,50,70,80,80,140)

(0.04829320162044248,Exeggcute,Grass,Psychic,325,60,40,80,60,45,40)

(0.9593699566834638,Exeggutor,Grass,Psychic,520,95,95,85,125,65,55)

(0.6278071900342437,Cubone,Ground,,320,50,50,95,40,50,35)

(0.42272503523419835,Marowak,Ground,,425,60,80,110,50,80,45)

(0.052019904704170616,Hitmonchan,Fighting,,455,50,105,79,35,110,76)

(0.49877202360915174,Lickitung,Normal,,385,90,55,75,60,75,30)

(0.8561827573632393,Koffing,Poison,,340,40,65,95,60,45,35)

(0.9766602512441354,Weezing,Poison,,490,65,90,120,85,70,60)

(0.9287038539066755,Rhyhorn,Ground,Rock,345,80,85,95,30,30,25)

(0.8062594661820826,Rhydon,Ground,Rock,485,105,130,120,45,45,40)

(0.24864708562657933,Tangela,Grass,,435,65,55,115,100,40,60)

(0.9147266192456869,Kangaskhan,Normal,,490,105,95,80,40,80,90)

(0.026736329731269937,KangaskhanMega Kangaskhan,Normal,,590,105,125,100,60,100,100)

(0.9566484173277365,Horsea,Water,,295,30,40,70,70,25,60)

(0.1688856781609417,Seadra,Water,,440,55,65,95,95,45,85)

(0.6909756766843017,Goldeen,Water,,320,45,67,60,35,50,63)

(0.9843949178084649,Seaking,Water,,450,80,92,65,65,80,68)

(0.9837260314337382,Starmie,Water,Psychic,520,60,75,85,100,85,115)

(0.9098288766206016,Mr. Mime,Psychic,Fairy,460,40,45,65,100,120,90)

(0.702676794297575,Scyther,Bug,Flying,500,70,110,80,55,80,105)

(0.23084692099189086,Electabuzz,Electric,,490,65,83,57,95,85,105)

(0.742167521281413,Magmar,Fire,,495,65,95,57,100,85,93)

(0.8900865229298722,Pinsir,Bug,,500,65,125,100,55,70,85)

(0.4764687827613605,PinsirMega Pinsir,Bug,Flying,600,65,155,120,65,90,105)

(0.26748845045578584,Tauros,Normal,,490,75,100,95,40,70,110)

(0.36336439538246157,Gyarados,Water,Flying,540,95,125,79,60,100,81)

(0.6236534399732292,GyaradosMega Gyarados,Water,Dark,640,95,155,109,70,130,81)

(0.6206790388870876,Lapras,Water,Ice,535,130,85,80,85,95,60)

(0.7860457145385525,Vaporeon,Water,,525,130,65,60,110,95,65)

(0.6831240038599273,Jolteon,Electric,,525,65,65,60,110,95,130)

(0.7268318461301698,Flareon,Fire,,525,65,130,60,95,110,65)

(0.9613213600875348,Porygon,Normal,,395,65,60,70,85,75,40)

(0.290217436365079,Omanyte,Rock,Water,355,35,40,100,90,55,35)

(0.606114868593539,Omastar,Rock,Water,495,70,60,125,115,70,55)

(0.3522941744721958,Kabuto,Rock,Water,355,30,80,90,55,45,55)

(0.006822421659175348,Kabutops,Rock,Water,495,60,115,105,65,70,80)

(0.7792383824407694,Aerodactyl,Rock,Flying,515,80,105,65,60,75,130)

(0.49009581996956164,AerodactylMega Aerodactyl,Rock,Flying,615,80,135,85,70,95,150)

(0.34743568006533376,Snorlax,Normal,,540,160,110,65,65,110,30)

(0.6453159919299336,Articuno,Ice,Flying,580,90,85,100,95,125,85)

(0.2245955966923321,Zapdos,Electric,Flying,580,90,90,85,125,90,100)

(0.28238159558312403,Moltres,Fire,Flying,580,90,100,90,125,85,90)

(0.12264319175837368,Dragonair,Dragon,,420,61,84,65,70,70,70)

(0.7683832703929186,Dragonite,Dragon,Flying,600,91,134,95,100,100,80)

(0.025230899218071867,Mewtwo,Psychic,,680,106,110,90,154,90,130)

(0.32166124907869387,MewtwoMega Mewtwo X,Psychic,Fighting,780,106,190,100,154,100,130)

(0.684832833462599,MewtwoMega Mewtwo Y,Psychic,,780,106,150,70,194,120,140)

(0.33640620070585103,Mew,Psychic,,600,100,100,100,100,100,100)

(0.3619139467806316,Chikorita,Grass,,318,45,49,65,49,65,45)

(0.4301999302957187,Bayleef,Grass,,405,60,62,80,63,80,60)

(0.5425858469699134,Meganium,Grass,,525,80,82,100,83,100,80)

(0.25324039455081604,Quilava,Fire,,405,58,64,58,80,65,80)

(0.38807291128098853,Typhlosion,Fire,,534,78,84,78,109,85,100)

(0.16461842204063992,Totodile,Water,,314,50,65,64,44,48,43)

(0.22143864317911588,Croconaw,Water,,405,65,80,80,59,63,58)

(0.30170303453505876,Feraligatr,Water,,530,85,105,100,79,83,78)

(0.4922200831410023,Furret,Normal,,415,85,76,64,45,55,90)

(0.8678594909298663,Ariados,Bug,Poison,390,70,90,70,60,60,40)

(0.9413595501001422,Crobat,Poison,Flying,535,85,90,80,70,80,130)

(0.3064097731462384,Lanturn,Water,Electric,460,125,58,58,76,76,67)

(0.4462122766691855,Togepi,Fairy,,245,35,20,65,40,65,20)

(0.470613305259736,Togetic,Fairy,Flying,405,55,40,85,80,105,40)

(0.6031710698344563,Xatu,Psychic,Flying,470,65,75,70,95,70,95)

(0.6367846556675316,Ampharos,Electric,,510,90,75,85,115,90,55)

(0.11393692978869685,AmpharosMega Ampharos,Electric,Dragon,610,90,95,105,165,110,45)

(0.8273889912005306,Bellossom,Grass,,490,75,80,95,90,100,50)

(0.6066535181421945,Azumarill,Water,Fairy,420,100,50,80,60,80,50)

(0.14060521945607118,Sudowoodo,Rock,,410,70,100,115,30,65,30)

(0.53661670965945,Politoed,Water,,500,90,75,75,90,100,70)

(0.7405829787592614,Jumpluff,Grass,Flying,460,75,55,70,55,95,110)

(0.180291940866096,Quagsire,Water,Ground,430,95,85,85,65,65,35)

(0.6072346171618253,Espeon,Psychic,,525,65,65,60,130,95,110)

(0.6337765450941392,Umbreon,Dark,,525,95,65,110,60,130,65)

(0.7253091723693443,Slowking,Water,Psychic,490,95,75,80,100,110,30)

(0.841105312254768,Misdreavus,Ghost,,435,60,60,60,85,85,85)

(0.8997312398076291,Wobbuffet,Psychic,,405,190,33,58,33,58,33)

(0.46301910929142465,Girafarig,Normal,Psychic,455,70,80,65,90,65,85)

(0.998419781836389,Pineco,Bug,,290,50,65,90,35,35,15)

(0.32272306044504184,Forretress,Bug,Steel,465,75,90,140,60,60,40)

(0.9663156951063507,Dunsparce,Normal,,415,100,70,70,65,65,45)

(0.96710587553288,Gligar,Ground,Flying,430,65,75,105,35,65,85)

(0.13705997038410445,Steelix,Steel,Ground,510,75,85,200,55,65,30)

(0.8108507827690749,SteelixMega Steelix,Steel,Ground,610,75,125,230,55,95,30)

(0.04421403917332212,Granbull,Fairy,,450,90,120,75,60,60,45)

(0.4034426628459714,Qwilfish,Water,Poison,430,65,95,75,55,55,85)

(0.3452631405110216,Scizor,Bug,Steel,500,70,130,100,55,80,65)

(0.6074937885825779,ScizorMega Scizor,Bug,Steel,600,70,150,140,65,100,75)

(0.5026848808023777,Shuckle,Bug,Rock,505,20,10,230,10,230,5)

(0.19892025865944207,Heracross,Bug,Fighting,500,80,125,75,40,95,85)

(0.2915083840197291,HeracrossMega Heracross,Bug,Fighting,600,80,185,115,40,105,75)

(0.4087832141173191,Ursaring,Normal,,500,90,130,75,75,75,55)

(0.9370774197933781,Magcargo,Fire,Rock,410,50,50,120,80,80,30)

(0.8021618488386539,Piloswine,Ice,Ground,450,100,100,80,60,60,50)

(0.03582488142169815,Corsola,Water,Rock,380,55,55,85,65,85,35)

(0.22597623354839247,Octillery,Water,,480,75,105,75,105,75,45)

(0.3220565119597196,Mantine,Water,Flying,465,65,40,70,80,140,70)

(0.21558110720399848,Skarmory,Steel,Flying,465,65,80,140,40,70,70)

(0.651942992097539,HoundoomMega Houndoom,Dark,Fire,600,75,90,90,140,90,115)

(0.6051785979765731,Kingdra,Water,Dragon,540,75,95,95,95,95,85)

(0.25966944360371624,Phanpy,Ground,,330,90,60,60,40,40,40)

(0.28125588504863475,Donphan,Ground,,500,90,120,120,60,60,50)

(0.7681547197155609,Porygon2,Normal,,515,85,80,90,105,95,60)

(0.20856417564332141,Stantler,Normal,,465,73,95,62,85,65,85)

(0.6167191100710315,Hitmontop,Fighting,,455,50,95,95,35,110,70)

(0.4674741056079823,Miltank,Normal,,490,95,80,105,40,70,100)

(0.39996169743378607,Raikou,Electric,,580,90,85,75,115,100,115)

(0.00834243182761285,Entei,Fire,,580,115,115,85,90,75,100)

(0.13594613530269728,Suicune,Water,,580,100,75,115,90,115,85)

(0.8569106045844463,Pupitar,Rock,Ground,410,70,84,70,65,70,51)

(0.128251628728017,Tyranitar,Rock,Dark,600,100,134,110,95,100,61)

(0.31445214211845196,TyranitarMega Tyranitar,Rock,Dark,700,100,164,150,95,120,71)

(0.9268126124430285,Lugia,Psychic,Flying,680,106,90,130,90,154,110)

(0.27274392621447885,Ho-oh,Fire,Flying,680,106,130,90,110,154,90)

(0.8886587126495178,Celebi,Psychic,Grass,600,100,100,100,100,100,100)

(0.607935053178971,Sceptile,Grass,,530,70,85,65,105,85,120)

(0.09421870033087354,SceptileMega Sceptile,Grass,Dragon,630,70,110,75,145,85,145)

(0.9956252533528656,Combusken,Fire,Fighting,405,60,85,60,85,60,55)

(0.3809280248682463,Blaziken,Fire,Fighting,530,80,120,70,110,70,80)

(0.6841709673506599,BlazikenMega Blaziken,Fire,Fighting,630,80,160,80,130,80,100)

(0.1472720801406171,Marshtomp,Water,Ground,405,70,85,70,60,70,50)

(0.3222619081882069,Swampert,Water,Ground,535,100,110,90,85,90,60)

(0.3815170451177353,SwampertMega Swampert,Water,Ground,635,100,150,110,95,110,70)

(0.923631346240024,Mightyena,Dark,,420,70,90,70,60,60,70)

(0.2452703334317894,Linoone,Normal,,420,78,70,61,50,61,100)

(0.2954801099759643,Dustox,Bug,Poison,385,60,50,70,50,90,65)

(0.04833231904399804,Ludicolo,Water,Grass,480,80,70,70,90,100,70)

(0.6025356843716183,Shiftry,Grass,Dark,480,90,100,60,90,60,80)

(0.7843441158368333,Swellow,Normal,Flying,430,60,85,60,50,50,125)

(0.2959829671512596,Pelipper,Water,Flying,430,60,50,100,85,70,65)

(0.6434129357641879,Gardevoir,Psychic,Fairy,518,68,65,65,125,115,80)

(0.03177112348821365,GardevoirMega Gardevoir,Psychic,Fairy,618,68,85,65,165,135,100)

(0.30574895050692275,Masquerain,Bug,Flying,414,70,60,62,80,82,60)

(0.8276215481824379,Shroomish,Grass,,295,60,40,60,40,60,35)

(0.967536611579632,Breloom,Grass,Fighting,460,60,130,80,60,60,70)

(0.9696625065434442,Slakoth,Normal,,280,60,60,60,35,35,30)

(0.21558236339721903,Vigoroth,Normal,,440,80,80,80,55,55,90)

(0.7508478135309659,Slaking,Normal,,670,150,160,100,95,65,100)

(0.200138292930925,Nincada,Bug,Ground,266,31,45,90,30,30,40)

(0.1926565926089272,Exploud,Normal,,490,104,91,63,91,73,68)

(0.34574183747643283,Hariyama,Fighting,,474,144,120,60,40,60,50)

(0.42312064388395954,Nosepass,Rock,,375,30,45,135,45,90,30)

(0.7685954172369768,Delcatty,Normal,,380,70,65,65,55,55,70)

(0.3277107678297644,Sableye,Dark,Ghost,380,50,75,75,65,65,50)

(0.9572282412351469,SableyeMega Sableye,Dark,Ghost,480,50,85,125,85,115,20)

(0.6903868593647476,Mawile,Steel,Fairy,380,50,85,85,55,55,50)

(0.3328474046555945,MawileMega Mawile,Steel,Fairy,480,50,105,125,55,95,50)

(0.051152935581653125,Aron,Steel,Rock,330,50,70,100,40,40,30)

(0.38943895864073563,Lairon,Steel,Rock,430,60,90,140,50,50,40)

(0.4403614477737602,Aggron,Steel,Rock,530,70,110,180,60,60,50)

(0.964482040830767,AggronMega Aggron,Steel,,630,70,140,230,60,80,50)

(0.5410062451792373,Medicham,Fighting,Psychic,410,60,60,75,60,75,80)

(0.19288308010104938,MedichamMega Medicham,Fighting,Psychic,510,60,100,85,80,85,100)

(0.4761821076251741,Manectric,Electric,,475,70,75,60,105,60,105)

(0.1238343207528968,ManectricMega Manectric,Electric,,575,70,75,80,135,80,135)

(0.6332484029403557,Swalot,Poison,,467,100,73,83,73,83,55)

(0.2477908213970279,SharpedoMega Sharpedo,Water,Dark,560,70,140,70,110,65,105)

(0.798115420538957,Camerupt,Fire,Ground,460,70,100,70,105,75,40)

(0.09430843789416832,CameruptMega Camerupt,Fire,Ground,560,70,120,100,145,105,20)

(0.47720212635108794,Torkoal,Fire,,470,70,85,140,85,70,20)

(0.06737819732166961,Grumpig,Psychic,,470,80,45,65,90,110,80)

(0.99134306853396,Spinda,Normal,,360,60,60,60,60,60,60)

(0.12004691237970111,Flygon,Ground,Dragon,520,80,100,80,80,80,100)

(0.6112301213450412,Cacturne,Grass,Dark,475,70,115,60,115,60,55)

(0.2120669767041038,Swablu,Normal,Flying,310,45,40,60,40,75,50)

(0.3094580993697631,Altaria,Dragon,Flying,490,75,70,90,70,105,80)

(0.6112351287320871,AltariaMega Altaria,Dragon,Fairy,590,75,110,110,110,105,80)

(0.2871337412258842,Zangoose,Normal,,458,73,115,60,60,60,90)

(0.49974878757965024,Seviper,Poison,,458,73,100,60,100,60,65)

(0.21615322789610825,Lunatone,Rock,Psychic,440,70,55,65,95,85,70)

(0.43074412713010346,Solrock,Rock,Psychic,440,70,95,85,55,65,70)

(0.5601319951407145,Whiscash,Water,Ground,468,110,78,73,76,71,60)

(0.4872220132744851,Corphish,Water,,308,43,80,65,50,35,35)

(0.6016842022844598,Crawdaunt,Water,Dark,468,63,120,85,90,55,55)

(0.4564773206927404,Claydol,Ground,Psychic,500,60,70,105,70,120,75)

(0.1310234614921445,Lileep,Rock,Grass,355,66,41,77,61,87,23)

(0.5192181846013171,Cradily,Rock,Grass,495,86,81,97,81,107,43)

(0.6260430597688794,Armaldo,Rock,Bug,495,75,125,100,70,80,45)

(0.3257025591006424,Milotic,Water,,540,95,60,79,100,125,81)

(0.1781105349622525,Castform,Normal,,420,70,70,70,70,70,70)

(0.49397468530295396,Kecleon,Normal,,440,60,90,70,60,120,40)

(0.1573777381421645,Banette,Ghost,,455,64,115,65,83,63,65)

(0.5108133376086046,BanetteMega Banette,Ghost,,555,64,165,75,93,83,75)

(0.44869187930142673,Duskull,Ghost,,295,20,40,90,30,90,25)

(0.3780986346132955,Dusclops,Ghost,,455,40,70,130,60,130,25)

(0.0720459967380801,Tropius,Grass,Flying,460,99,68,83,72,87,51)

(0.6503783825853734,Chimecho,Psychic,,425,65,50,70,95,80,65)

(0.693405523052612,Absol,Dark,,465,65,130,60,75,60,75)

(0.4185067858413466,AbsolMega Absol,Dark,,565,65,150,60,115,60,115)

(0.26179296378382355,Glalie,Ice,,480,80,80,80,80,80,80)

(0.36500189121682913,GlalieMega Glalie,Ice,,580,80,120,80,120,80,100)

(0.12143170703538653,Sealeo,Ice,Water,410,90,60,70,75,70,45)

(0.9455146814504001,Walrein,Ice,Water,530,110,80,90,95,90,65)

(0.05389361088667233,Clamperl,Water,,345,35,64,85,74,55,32)

(0.6244314319426919,Huntail,Water,,485,55,104,105,94,75,52)

(0.9305410875825807,Gorebyss,Water,,485,55,84,105,114,75,52)

(0.638687770707149,Relicanth,Water,Rock,485,100,90,130,45,65,55)

(0.8917026742170798,Bagon,Dragon,,300,45,75,60,40,30,50)

(0.10051428605965307,Shelgon,Dragon,,420,65,95,100,60,50,50)

(0.12320035231526694,Salamence,Dragon,Flying,600,95,135,80,110,80,100)

(0.13585580336433456,SalamenceMega Salamence,Dragon,Flying,700,95,145,130,120,90,120)

(0.5459061132543918,Beldum,Steel,Psychic,300,40,55,80,35,60,30)

(0.8400170516105115,Metang,Steel,Psychic,420,60,75,100,55,80,50)

(0.7584239987819402,Metagross,Steel,Psychic,600,80,135,130,95,90,70)

(0.905731707782849,MetagrossMega Metagross,Steel,Psychic,700,80,145,150,105,110,110)

(0.8308700919685372,Regirock,Rock,,580,80,100,200,50,100,50)

(0.0219876530906562,Regice,Ice,,580,80,50,100,100,200,50)

(0.5087877072548533,Registeel,Steel,,580,80,75,150,75,150,50)

(0.3758640214360347,Latias,Dragon,Psychic,600,80,80,90,110,130,110)

(0.7858345515332498,LatiasMega Latias,Dragon,Psychic,700,80,100,120,140,150,110)

(0.5262524466576233,Latios,Dragon,Psychic,600,80,90,80,130,110,110)

(0.8929949603359247,LatiosMega Latios,Dragon,Psychic,700,80,130,100,160,120,110)

(0.4101923852302315,Kyogre,Water,,670,100,100,90,150,140,90)

(0.5473004466382989,KyogrePrimal Kyogre,Water,,770,100,150,90,180,160,90)

(0.5328058175774424,Groudon,Ground,,670,100,150,140,100,90,90)

(0.8366153370553528,GroudonPrimal Groudon,Ground,Fire,770,100,180,160,150,90,90)

(0.364263231399896,Rayquaza,Dragon,Flying,680,105,150,90,150,90,95)

(0.6868109553586336,RayquazaMega Rayquaza,Dragon,Flying,780,105,180,100,180,100,115)

(0.39626343351932425,Jirachi,Steel,Psychic,600,100,100,100,100,100,100)

(0.27708959709813785,DeoxysDefense Forme,Psychic,,600,50,70,160,70,160,90)

(0.11120326523528201,DeoxysSpeed Forme,Psychic,,600,50,95,90,95,90,180)

(0.617428667242496,Turtwig,Grass,,318,55,68,64,45,55,31)

(0.595213784767879,Grotle,Grass,,405,75,89,85,55,65,36)

(0.3738230332485293,Torterra,Grass,Ground,525,95,109,105,75,85,56)

(0.6278361799483986,Infernape,Fire,Fighting,534,76,104,71,104,71,108)

(0.7825625332694014,Prinplup,Water,,405,64,66,68,81,76,50)

(0.6432182393487559,Empoleon,Water,Steel,530,84,86,88,111,101,60)

(0.5101649945301935,Staraptor,Normal,Flying,485,85,120,70,50,60,100)

(0.9578680944561405,Bibarel,Normal,Water,410,79,85,60,55,60,71)

(0.732399270928102,Luxray,Electric,,523,80,120,79,95,79,70)

(0.4663720540297186,Roserade,Grass,Poison,515,60,70,65,125,105,90)

(0.6812995350847398,Rampardos,Rock,,495,97,165,60,65,50,58)

(0.6278554573457598,Shieldon,Rock,Steel,350,30,42,118,42,88,30)

(0.8660464612693288,Bastiodon,Rock,Steel,495,60,52,168,47,138,30)

(0.9017542123791359,WormadamPlant Cloak,Bug,Grass,424,60,59,85,79,105,36)

(0.050548245050088925,WormadamSandy Cloak,Bug,Ground,424,60,79,105,59,85,36)

(0.881708865240354,WormadamTrash Cloak,Bug,Steel,424,60,69,95,69,95,36)

(0.5715949824044575,Vespiquen,Bug,Flying,474,70,80,102,80,102,40)

(0.651757393131237,Pachirisu,Electric,,405,60,45,70,45,90,95)

(0.42631304909607837,Cherrim,Grass,,450,70,60,70,87,78,85)

(0.42077480739873474,Gastrodon,Water,Ground,475,111,83,68,92,82,39)

(0.7316611658976269,Ambipom,Normal,,482,75,100,66,60,66,115)

(0.24120374155103674,Lopunny,Normal,,480,65,76,84,54,96,105)

(0.16286334098731148,LopunnyMega Lopunny,Normal,Fighting,580,65,136,94,54,96,135)

(0.6890769462344503,Mismagius,Ghost,,495,60,60,60,105,105,105)

(0.07856977279503219,Purugly,Normal,,452,71,82,64,64,59,112)

(0.2673157692826552,Skuntank,Poison,Dark,479,103,93,67,71,61,84)

(0.5203983628806915,Bronzor,Steel,Psychic,300,57,24,86,24,86,23)

(0.12708683604055715,Bronzong,Steel,Psychic,500,67,89,116,79,116,33)

(0.6811905746856629,Bonsly,Rock,,290,50,80,95,10,45,10)

(0.5070261046166641,Spiritomb,Ghost,Dark,485,50,92,108,92,108,35)

(0.833292325434302,Gabite,Dragon,Ground,410,68,90,65,50,55,82)

(0.2324340391991757,Garchomp,Dragon,Ground,600,108,130,95,80,85,102)

(0.9245433812450673,GarchompMega Garchomp,Dragon,Ground,700,108,170,115,120,95,92)

(0.2517741058588804,Lucario,Fighting,Steel,525,70,110,70,115,70,90)

(0.9301562948971812,LucarioMega Lucario,Fighting,Steel,625,70,145,88,140,70,112)

(0.7122535760383283,Hippopotas,Ground,,330,68,72,78,38,42,32)

(0.7036374827767644,Hippowdon,Ground,,525,108,112,118,68,72,47)

(0.5768506265538725,Skorupi,Poison,Bug,330,40,50,90,30,55,65)

(0.12532737596840882,Drapion,Poison,Dark,500,70,90,110,60,75,95)

(0.4894088477086481,Toxicroak,Poison,Fighting,490,83,106,65,86,65,85)

(0.19461282172411165,Carnivine,Grass,,454,74,100,72,90,72,46)

(0.12051704571107258,Finneon,Water,,330,49,49,56,49,61,66)

(0.7586223582715453,Lumineon,Water,,460,69,69,76,69,86,91)

(0.8336159816292678,Abomasnow,Grass,Ice,494,90,92,75,92,85,60)

(0.4891025309379793,AbomasnowMega Abomasnow,Grass,Ice,594,90,132,105,132,105,30)

(0.3475384411965805,Weavile,Dark,Ice,510,70,120,65,45,85,125)

(0.6986697250833686,Magnezone,Electric,Steel,535,70,70,115,130,90,60)

(0.4285359431834118,Lickilicky,Normal,,515,110,85,95,80,95,50)

(0.5818374093678748,Rhyperior,Ground,Rock,535,115,140,130,55,55,40)

(0.20243475668822242,Tangrowth,Grass,,535,100,100,125,110,50,50)

(0.4448600749317666,Electivire,Electric,,540,75,123,67,95,85,95)

(0.7571886839362649,Magmortar,Fire,,540,75,95,67,125,95,83)

(0.6868644892552548,Togekiss,Fairy,Flying,545,85,50,95,120,115,80)

(0.5196681261556114,Yanmega,Bug,Flying,515,86,76,86,116,56,95)

(0.4639318613364528,Leafeon,Grass,,525,65,110,130,60,65,95)

(0.7905831237175794,Glaceon,Ice,,525,65,60,110,130,95,65)

(0.6243538295279479,Gliscor,Ground,Flying,510,75,95,125,45,75,95)

(0.5511482359477277,Mamoswine,Ice,Ground,530,110,130,80,70,60,80)

(0.17943603413933973,Porygon-Z,Normal,,535,85,80,70,135,75,90)

(0.598246341738464,Gallade,Psychic,Fighting,518,68,125,65,65,115,80)

(0.06781879622632692,GalladeMega Gallade,Psychic,Fighting,618,68,165,95,65,115,110)

(0.49585216866049564,Probopass,Rock,Steel,525,60,55,145,75,150,40)

(0.59579920562296,Dusknoir,Ghost,,525,45,100,135,65,135,45)

(0.1643731327518576,Froslass,Ice,Ghost,480,70,80,70,80,70,110)

(0.7706769568593728,Rotom,Electric,Ghost,440,50,50,77,95,77,91)

(0.9720184392487974,RotomHeat Rotom,Electric,Fire,520,50,65,107,105,107,86)

(0.8834322732938763,RotomWash Rotom,Electric,Water,520,50,65,107,105,107,86)

(0.3896076278746785,RotomFrost Rotom,Electric,Ice,520,50,65,107,105,107,86)

(0.5014300400922009,RotomFan Rotom,Electric,Flying,520,50,65,107,105,107,86)

(0.9592901507944509,RotomMow Rotom,Electric,Grass,520,50,65,107,105,107,86)

(0.37730738620922355,Uxie,Psychic,,580,75,75,130,75,130,95)

(0.986006517340381,Mesprit,Psychic,,580,80,105,105,105,105,80)

(0.30834314878028435,Azelf,Psychic,,580,75,125,70,125,70,115)

(0.8563450287059984,Dialga,Steel,Dragon,680,100,120,120,150,100,90)

(0.34865272490278953,Palkia,Water,Dragon,680,90,120,100,150,120,100)

(0.7315232827129162,Heatran,Fire,Steel,600,91,90,106,130,106,77)

(0.9073549372407423,Regigigas,Normal,,670,110,160,110,80,110,100)

(0.9489650231572085,GiratinaAltered Forme,Ghost,Dragon,680,150,100,120,100,120,90)

(0.5978917912235577,GiratinaOrigin Forme,Ghost,Dragon,680,150,120,100,120,100,90)

(0.34039147071140896,Cresselia,Psychic,,600,120,70,120,75,130,85)

(0.4410519665027668,Phione,Water,,480,80,80,80,80,80,80)

(0.7641617730019303,Manaphy,Water,,600,100,100,100,100,100,100)

(0.38667952365903735,Darkrai,Dark,,600,70,90,90,135,90,125)

(0.02707435692019755,ShayminLand Forme,Grass,,600,100,100,100,100,100,100)

(0.5918919788109993,ShayminSky Forme,Grass,Flying,600,100,103,75,120,75,127)

(0.49788866090170625,Arceus,Normal,,720,120,120,120,120,120,120)

(0.477864933640442,Victini,Psychic,Fire,600,100,100,100,100,100,100)

(0.6939871184948428,Servine,Grass,,413,60,60,75,60,75,83)

(0.049462742495345435,Serperior,Grass,,528,75,75,95,75,95,113)

(0.9470338645451207,Emboar,Fire,Fighting,528,110,123,65,100,65,65)

(0.08443586536486092,Dewott,Water,,413,75,75,60,83,60,60)

(0.5569871122188501,Samurott,Water,,528,95,100,85,108,70,70)

(0.6294139501544874,Watchog,Normal,,420,60,85,69,60,69,77)

(0.1508030190252524,Herdier,Normal,,370,65,80,65,35,65,60)

(0.3419786576346555,Stoutland,Normal,,500,85,110,90,45,90,80)

(0.937666428592748,Simisage,Grass,,498,75,98,63,98,63,101)

(0.9208021636430902,Simisear,Fire,,498,75,98,63,98,63,101)

(0.2522644036389625,Simipour,Water,,498,75,98,63,98,63,101)

(0.5139114277113335,Musharna,Psychic,,487,116,55,85,107,95,29)

(0.897770456494303,Tranquill,Normal,Flying,358,62,77,62,50,42,65)

(0.19893959113960435,Unfezant,Normal,Flying,488,80,115,80,65,55,93)

(0.9277431479164077,Zebstrika,Electric,,497,75,100,63,80,63,116)

(0.514726862901693,Roggenrola,Rock,,280,55,75,85,25,25,15)

(0.36860486878970833,Boldore,Rock,,390,70,105,105,50,40,20)

(0.4824391623058827,Gigalith,Rock,,515,85,135,130,60,80,25)

(0.09991553021462662,Excadrill,Ground,Steel,508,110,135,60,50,65,88)

(0.4937064858581126,Audino,Normal,,445,103,60,86,60,86,50)

(0.43708259800740235,AudinoMega Audino,Normal,Fairy,545,103,60,126,80,126,50)

(0.036000713714116506,Gurdurr,Fighting,,405,85,105,85,40,50,40)

(0.5498681401690272,Conkeldurr,Fighting,,505,105,140,95,55,65,45)

(0.1600452021264679,Seismitoad,Water,Ground,509,105,95,75,85,75,74)

(0.49010152107042204,Throh,Fighting,,465,120,100,85,30,85,45)

(0.32458323238676035,Sawk,Fighting,,465,75,125,75,30,75,85)

(0.4740508198944168,Sewaddle,Bug,Grass,310,45,53,70,40,60,42)

(0.2500513214190786,Swadloon,Bug,Grass,380,55,63,90,50,80,42)

(0.9902327727245284,Leavanny,Bug,Grass,500,75,103,80,70,80,92)

(0.4099610521624629,Venipede,Bug,Poison,260,30,45,59,30,39,57)

(0.9939665602373553,Whirlipede,Bug,Poison,360,40,55,99,40,79,47)

(0.03806409129830679,Scolipede,Bug,Poison,485,60,100,89,55,69,112)

(0.7582381285408535,Cottonee,Grass,Fairy,280,40,27,60,37,50,66)

(0.0472627084800481,Whimsicott,Grass,Fairy,480,60,67,85,77,75,116)

(0.11960517744714172,Lilligant,Grass,,480,70,60,75,110,75,90)

(0.07495685663257479,Basculin,Water,,460,70,92,65,80,55,98)

(0.7717246177598255,Krookodile,Ground,Dark,519,95,117,80,65,70,92)

(0.2869427824932109,DarmanitanZen Mode,Fire,Psychic,540,105,30,105,140,105,55)

(0.6920422714814219,Maractus,Grass,,461,75,86,67,106,67,60)

(0.4015711676792756,Dwebble,Bug,Rock,325,50,65,85,35,35,55)

(0.6542831489987989,Crustle,Bug,Rock,475,70,95,125,65,75,45)

(0.21673895384783592,Scraggy,Dark,Fighting,348,50,75,70,35,70,48)

(0.38628830050958973,Scrafty,Dark,Fighting,488,65,90,115,45,115,58)

(0.32915297076090144,Sigilyph,Psychic,Flying,490,72,58,80,103,80,97)

(0.22574717160269986,Yamask,Ghost,,303,38,30,85,55,65,30)

(0.5885175153846295,Cofagrigus,Ghost,,483,58,50,145,95,105,30)

(0.9423872941330191,Tirtouga,Water,Rock,355,54,78,103,53,45,22)

(0.504839393562811,Carracosta,Water,Rock,495,74,108,133,83,65,32)

(0.7117464773146974,Archeops,Rock,Flying,567,75,140,65,112,65,110)

(0.4665128537334846,Trubbish,Poison,,329,50,50,62,40,62,65)

(0.410928311714126,Garbodor,Poison,,474,80,95,82,60,82,75)

(0.3874705273553273,Zoroark,Dark,,510,60,105,60,120,60,105)

(0.4695200368719884,Cinccino,Normal,,470,75,95,60,65,60,115)

(0.7063173787487487,Gothorita,Psychic,,390,60,45,70,75,85,55)

(0.3485474522693144,Gothitelle,Psychic,,490,70,55,95,95,110,65)

(0.4474773057081455,Reuniclus,Psychic,,490,110,65,75,125,85,30)

(0.37699141147964255,Swanna,Water,Flying,473,75,87,63,87,63,98)

(0.02807992483916466,Vanillish,Ice,,395,51,65,65,80,75,59)

(0.5796612521168913,Vanilluxe,Ice,,535,71,95,85,110,95,79)

(0.3743236960911406,Sawsbuck,Normal,Grass,475,80,100,70,60,70,95)

(0.35339861921473037,Emolga,Electric,Flying,428,55,75,60,75,60,103)

(0.682723046495938,Escavalier,Bug,Steel,495,70,135,105,60,105,20)

(0.35258759978657295,Amoonguss,Grass,Poison,464,114,85,70,85,80,30)

(0.3259571988055663,Jellicent,Water,Ghost,480,100,60,70,85,105,60)

(0.8323099044610381,Alomomola,Water,,470,165,75,80,40,45,65)

(0.22659001279301783,Galvantula,Bug,Electric,472,70,77,60,97,60,108)

(0.46137332463926384,Ferroseed,Grass,Steel,305,44,50,91,24,86,10)

(0.7869485009514551,Ferrothorn,Grass,Steel,489,74,94,131,54,116,20)

(0.39164595573920524,Klink,Steel,,300,40,55,70,45,60,30)

(0.7177845754295282,Klang,Steel,,440,60,80,95,70,85,50)

(0.17906226541743098,Klinklang,Steel,,520,60,100,115,70,85,90)

(0.9154781377387708,Eelektrik,Electric,,405,65,85,70,75,70,40)

(0.1603675202606607,Eelektross,Electric,,515,85,115,80,105,80,50)

(0.7265682982148783,Beheeyem,Psychic,,485,75,75,75,125,95,40)

(0.6538016474722875,Lampent,Ghost,Fire,370,60,40,60,95,60,55)

(0.354053843188166,Chandelure,Ghost,Fire,520,60,55,90,145,90,80)

(0.0677774116786134,Axew,Dragon,,320,46,87,60,30,40,57)

(0.9125311990473552,Fraxure,Dragon,,410,66,117,70,40,50,67)

(0.7560981417057422,Haxorus,Dragon,,540,76,147,90,60,70,97)

(0.3548193709325199,Beartic,Ice,,485,95,110,80,70,80,50)

(0.47892417356847483,Shelmet,Bug,,305,50,40,85,40,65,25)

(0.5628533671393071,Stunfisk,Ground,Electric,471,109,66,84,81,99,32)

(0.23370001127595885,Mienshao,Fighting,,510,65,125,60,95,60,105)

(0.7275417429520581,Druddigon,Dragon,,485,77,120,90,60,90,48)

(0.2683841104745551,Golurk,Ground,Ghost,483,89,124,80,55,80,55)

(0.4088269460081303,Pawniard,Dark,Steel,340,45,85,70,40,40,60)

(0.42999465286321314,Bisharp,Dark,Steel,490,65,125,100,60,70,70)

(0.5568409426943016,Bouffalant,Normal,,490,95,110,95,40,95,55)

(0.9247371682645117,Braviary,Normal,Flying,510,100,123,75,57,75,80)

(0.24190890994268233,Vullaby,Dark,Flying,370,70,55,75,45,65,60)

(0.7524758695096515,Mandibuzz,Dark,Flying,510,110,65,105,55,95,80)

(0.8549521912036906,Heatmor,Fire,,484,85,97,66,105,66,65)

(0.8493418453632604,Durant,Bug,Steel,484,58,109,112,48,48,109)

(0.33592744972855226,Zweilous,Dark,Dragon,420,72,85,70,65,70,58)

(0.5397488103550115,Hydreigon,Dark,Dragon,600,92,105,90,125,90,98)

(0.3172874419166606,Volcarona,Bug,Fire,550,85,60,65,135,105,100)

(0.6155523682929979,Cobalion,Steel,Fighting,580,91,90,129,90,72,108)

(0.44866516961154956,Terrakion,Rock,Fighting,580,91,129,90,72,90,108)

(0.9687045863389943,Virizion,Grass,Fighting,580,91,90,72,90,129,108)

(0.1302898698871221,TornadusIncarnate Forme,Flying,,580,79,115,70,125,80,111)

(0.5883114494124335,TornadusTherian Forme,Flying,,580,79,100,80,110,90,121)

(0.22389513724403243,ThundurusIncarnate Forme,Electric,Flying,580,79,115,70,125,80,111)

(0.16791071779843225,ThundurusTherian Forme,Electric,Flying,580,79,105,70,145,80,101)

(0.3445511411565185,Reshiram,Dragon,Fire,680,100,120,100,150,120,90)

(0.9690902918325263,Zekrom,Dragon,Electric,680,100,150,120,120,100,90)

(0.1440464874321371,LandorusIncarnate Forme,Ground,Flying,600,89,125,90,115,80,101)

(0.7589276855455414,LandorusTherian Forme,Ground,Flying,600,89,145,90,105,80,91)

(0.6708879606147483,Kyurem,Dragon,Ice,660,125,130,90,130,90,95)

(0.02743688780392728,KyuremBlack Kyurem,Dragon,Ice,700,125,170,100,120,90,95)

(0.794028171249528,KyuremWhite Kyurem,Dragon,Ice,700,125,120,90,170,100,95)

(0.6341757775596139,KeldeoOrdinary Forme,Water,Fighting,580,91,72,90,129,90,108)

(0.6830510222516873,KeldeoResolute Forme,Water,Fighting,580,91,72,90,129,90,108)

(0.007932790923101507,MeloettaAria Forme,Normal,Psychic,600,100,77,77,128,128,90)

(0.08834107438882055,MeloettaPirouette Forme,Normal,Fighting,600,100,128,90,77,77,128)

(0.898140700201459,Genesect,Bug,Steel,600,71,120,95,120,95,99)

(0.31796617318544373,Chespin,Grass,,313,56,61,65,48,45,38)

(0.960147265376947,Quilladin,Grass,,405,61,78,95,56,58,57)

(0.28646004288071103,Chesnaught,Grass,Fighting,530,88,107,122,74,75,64)

(0.5481200723910994,Braixen,Fire,,409,59,59,58,90,70,73)

(0.25288368172057907,Delphox,Fire,Psychic,534,75,69,72,114,100,104)

(0.5292171000232739,Greninja,Water,Dark,530,72,95,67,103,71,122)

(0.07556931909854003,Diggersby,Normal,Ground,423,85,56,77,50,77,78)

(0.6513775378989184,Talonflame,Fire,Flying,499,78,81,71,74,69,126)

(0.2085387431755027,Spewpa,Bug,,213,45,22,60,27,30,29)

(0.5659693037996442,Litleo,Fire,Normal,369,62,50,58,73,54,72)

(0.7350857777478367,Pyroar,Fire,Normal,507,86,68,72,109,66,106)

(0.487484922341169,Florges,Fairy,,552,78,65,68,112,154,75)

(0.4784024109396374,Gogoat,Grass,,531,123,100,62,97,81,68)

(0.268043087021546,Pancham,Fighting,,348,67,82,62,46,48,43)

(0.41400691703114456,Pangoro,Fighting,Dark,495,95,124,78,69,71,58)

(0.36779695384583966,Furfrou,Normal,,472,75,80,60,65,90,102)

(0.016328762514771555,MeowsticMale,Psychic,,466,74,48,76,83,81,104)

(0.44725616100883214,MeowsticFemale,Psychic,,466,74,48,76,83,81,104)

(0.8499709598785419,Honedge,Steel,Ghost,325,45,80,100,35,37,28)

(0.6184172020364477,Doublade,Steel,Ghost,448,59,110,150,45,49,35)

(0.22838092863223602,AegislashShield Forme,Steel,Ghost,520,60,50,150,50,150,60)

(0.43350027410842684,Spritzee,Fairy,,341,78,52,60,63,65,23)

(0.43801900518279924,Aromatisse,Fairy,,462,101,72,72,99,89,29)

(0.5186780391670975,Swirlix,Fairy,,341,62,48,66,59,57,49)

(0.2093450467728809,Slurpuff,Fairy,,480,82,80,86,85,75,72)

(0.0717389610211695,Malamar,Dark,Psychic,482,86,92,88,68,75,73)

(0.417400050171999,Binacle,Rock,Water,306,42,52,67,39,56,50)

(0.8240712770076851,Barbaracle,Rock,Water,500,72,105,115,54,86,68)

(0.5404175614746646,Skrelp,Poison,Water,320,50,60,60,60,60,30)

(0.24622057379203122,Dragalge,Poison,Dragon,494,65,75,90,97,123,44)

(0.08636159440300883,Clauncher,Water,,330,50,53,62,58,63,44)

(0.870730413580378,Clawitzer,Water,,500,71,73,88,120,89,59)

(0.9217780744313243,Tyrunt,Rock,Dragon,362,58,89,77,45,45,48)

(0.3748075698572182,Tyrantrum,Rock,Dragon,521,82,121,119,69,59,71)

(0.37772003265730303,Aurorus,Rock,Ice,521,123,77,72,99,92,58)

(0.1579791963142737,Sylveon,Fairy,,525,95,65,65,110,130,60)

(0.8522366856290787,Hawlucha,Fighting,Flying,500,78,92,75,74,63,118)

(0.35636340432114433,Dedenne,Electric,Fairy,431,67,58,57,81,67,101)

(0.832106550597619,Carbink,Rock,Fairy,500,50,50,150,50,150,50)

(0.7361257392131563,Goodra,Dragon,,600,90,100,70,110,150,80)

(0.28787074738087803,Klefki,Steel,Fairy,470,57,80,91,80,87,75)

(0.5254263225800462,Trevenant,Ghost,Grass,474,85,110,76,65,82,56)

(0.9911357832021287,PumpkabooAverage Size,Ghost,Grass,335,49,66,70,44,55,51)

(0.6885949926868221,PumpkabooSmall Size,Ghost,Grass,335,44,66,70,44,55,56)

(0.7125431877561298,PumpkabooLarge Size,Ghost,Grass,335,54,66,70,44,55,46)

(0.2709388988306488,PumpkabooSuper Size,Ghost,Grass,335,59,66,70,44,55,41)

(0.4993463052496403,GourgeistAverage Size,Ghost,Grass,494,65,90,122,58,75,84)

(0.49065662470959437,GourgeistSmall Size,Ghost,Grass,494,55,85,122,58,75,99)

(0.3354206494811365,GourgeistLarge Size,Ghost,Grass,494,75,95,122,58,75,69)

(0.10959146815778265,GourgeistSuper Size,Ghost,Grass,494,85,100,122,58,75,54)

(0.7516131716127955,Bergmite,Ice,,304,55,69,85,32,35,28)

(0.05141973489393081,Avalugg,Ice,,514,95,117,184,44,46,28)

(0.19408645284334514,Noivern,Flying,Dragon,535,85,70,80,97,80,123)

(0.16937590972614136,Xerneas,Fairy,,680,126,131,95,131,98,99)

(0.7518346731401264,Yveltal,Dark,Flying,680,126,131,95,131,98,99)

(0.8014292011177025,Zygarde50% Forme,Dragon,Ground,600,108,100,121,81,95,95)

(0.7865699324012699,Diancie,Rock,Fairy,600,50,100,150,100,150,50)

(0.23523626811979248,DiancieMega Diancie,Rock,Fairy,700,50,160,110,160,110,110)

(0.959046656850226,HoopaHoopa Confined,Psychic,Ghost,600,80,110,60,150,130,70)

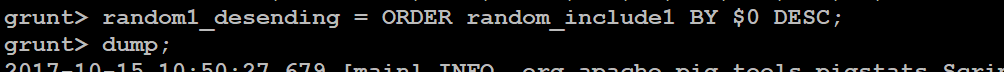
(0.27511331021235685,HoopaHoopa Unbound,Psychic,Dark,680,80,160,60,170,130,80)

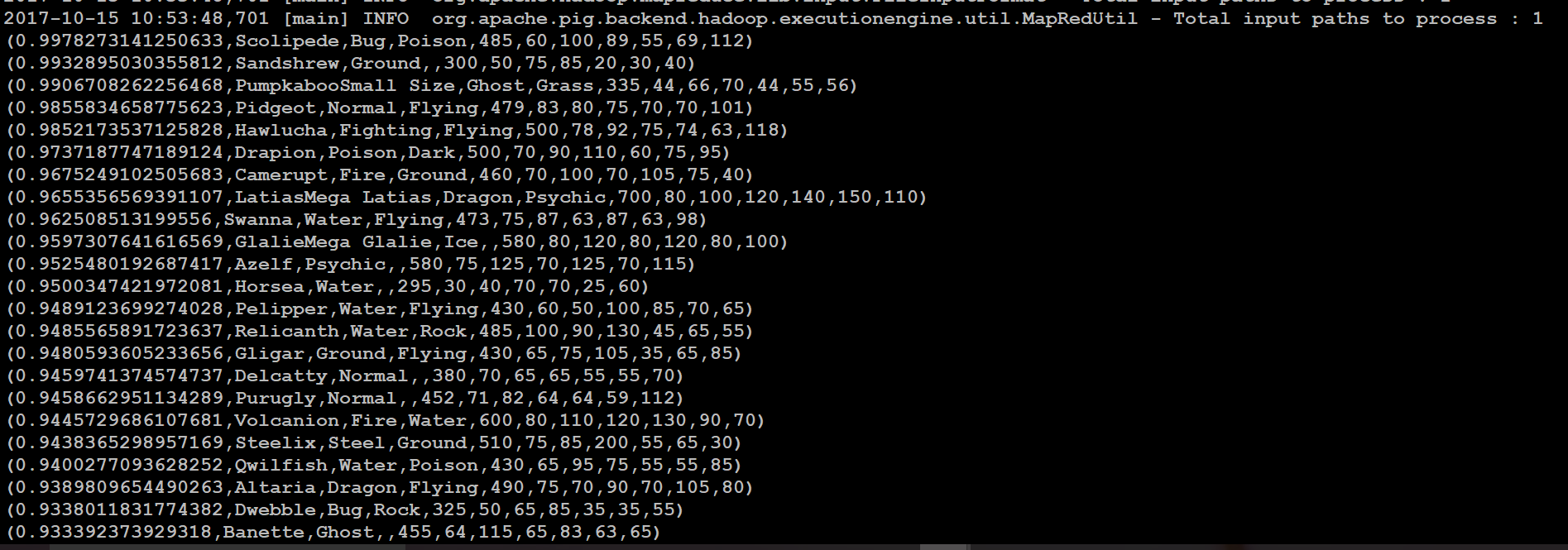
(0.4815901812943605,Volcanion,Fire,Water,600,80,110,120,130,90,70)

#### Ques 4: Arrange the new list in a descending order according to a column randomly.

grunt> random1\_desending = ORDER random\_include1 BY $0 DESC;

grunt> dump;





Output: -

(0.9978273141250633,Scolipede,Bug,Poison,485,60,100,89,55,69,112)

(0.9932895030355812,Sandshrew,Ground,,300,50,75,85,20,30,40)

(0.9906708262256468,PumpkabooSmall Size,Ghost,Grass,335,44,66,70,44,55,56)

(0.9855834658775623,Pidgeot,Normal,Flying,479,83,80,75,70,70,101)

(0.9852173537125828,Hawlucha,Fighting,Flying,500,78,92,75,74,63,118)

(0.9737187747189124,Drapion,Poison,Dark,500,70,90,110,60,75,95)

(0.9675249102505683,Camerupt,Fire,Ground,460,70,100,70,105,75,40)

(0.9655356569391107,LatiasMega Latias,Dragon,Psychic,700,80,100,120,140,150,110)

(0.962508513199556,Swanna,Water,Flying,473,75,87,63,87,63,98)

(0.9597307641616569,GlalieMega Glalie,Ice,,580,80,120,80,120,80,100)

(0.9525480192687417,Azelf,Psychic,,580,75,125,70,125,70,115)

(0.9500347421972081,Horsea,Water,,295,30,40,70,70,25,60)

(0.9489123699274028,Pelipper,Water,Flying,430,60,50,100,85,70,65)

(0.9485565891723637,Relicanth,Water,Rock,485,100,90,130,45,65,55)

(0.9480593605233656,Gligar,Ground,Flying,430,65,75,105,35,65,85)

(0.9459741374574737,Delcatty,Normal,,380,70,65,65,55,55,70)

(0.9458662951134289,Purugly,Normal,,452,71,82,64,64,59,112)

(0.9445729686107681,Volcanion,Fire,Water,600,80,110,120,130,90,70)

(0.9438365298957169,Steelix,Steel,Ground,510,75,85,200,55,65,30)

(0.9400277093628252,Qwilfish,Water,Poison,430,65,95,75,55,55,85)

(0.9389809654490263,Altaria,Dragon,Flying,490,75,70,90,70,105,80)

(0.9338011831774382,Dwebble,Bug,Rock,325,50,65,85,35,35,55)

(0.933392373929318,Banette,Ghost,,455,64,115,65,83,63,65)

(0.9319213305271826,Dodrio,Normal,Flying,460,60,110,70,60,60,100)

(0.9310349950310496,Klefki,Steel,Fairy,470,57,80,91,80,87,75)

(0.9299510923783816,Porygon,Normal,,395,65,60,70,85,75,40)

(0.9276442273081826,Electivire,Electric,,540,75,123,67,95,85,95)

(0.9273038944991968,Registeel,Steel,,580,80,75,150,75,150,50)

(0.9240546770615373,Abomasnow,Grass,Ice,494,90,92,75,92,85,60)

(0.9222433021089083,Corphish,Water,,308,43,80,65,50,35,35)

(0.92059114480292,Exeggutor,Grass,Psychic,520,95,95,85,125,65,55)

(0.9192500462455782,Slowking,Water,Psychic,490,95,75,80,100,110,30)

(0.9157285380759091,Porygon2,Normal,,515,85,80,90,105,95,60)

(0.9125986666815624,KyogrePrimal Kyogre,Water,,770,100,150,90,180,160,90)

(0.9123444468715717,Metang,Steel,Psychic,420,60,75,100,55,80,50)

(0.9119055603157471,Serperior,Grass,,528,75,75,95,75,95,113)

(0.9111982257317144,Reshiram,Dragon,Fire,680,100,120,100,150,120,90)

(0.9105160338526311,Pachirisu,Electric,,405,60,45,70,45,90,95)

(0.9087304730319377,Corsola,Water,Rock,380,55,55,85,65,85,35)

(0.8991047996152692,Kyogre,Water,,670,100,100,90,150,140,90)

(0.8979441207474628,WormadamTrash Cloak,Bug,Steel,424,60,69,95,69,95,36)

(0.8976799149129816,Exploud,Normal,,490,104,91,63,91,73,68)

(0.8970924542987871,Audino,Normal,,445,103,60,86,60,86,50)

(0.893132408215623,Swablu,Normal,Flying,310,45,40,60,40,75,50)

(0.8905516220118953,Grotle,Grass,,405,75,89,85,55,65,36)

(0.8899559240304475,Pinsir,Bug,,500,65,125,100,55,70,85)

(0.8874076583836291,Bastiodon,Rock,Steel,495,60,52,168,47,138,30)

(0.8868240640977006,Furret,Normal,,415,85,76,64,45,55,90)

(0.8806692580860209,Turtwig,Grass,,318,55,68,64,45,55,31)

(0.8796892144045362,Politoed,Water,,500,90,75,75,90,100,70)

(0.8793982212063869,Venipede,Bug,Poison,260,30,45,59,30,39,57)

(0.8782903814857816,Togepi,Fairy,,245,35,20,65,40,65,20)

(0.8712247069035013,Shellder,Water,,305,30,65,100,45,25,40)

(0.8699598192655239,Ursaring,Normal,,500,90,130,75,75,75,55)

(0.8684731953769664,KangaskhanMega Kangaskhan,Normal,,590,105,125,100,60,100,100)

(0.8663500258589374,Grumpig,Psychic,,470,80,45,65,90,110,80)

(0.8638884100665308,Probopass,Rock,Steel,525,60,55,145,75,150,40)

(0.8605267936492461,PidgeotMega Pidgeot,Normal,Flying,579,83,80,80,135,80,121)

(0.8570222418089497,Ambipom,Normal,,482,75,100,66,60,66,115)

(0.8559493120815729,Shroomish,Grass,,295,60,40,60,40,60,35)

(0.8558863101050838,Jumpluff,Grass,Flying,460,75,55,70,55,95,110)

(0.8547743376433363,Furfrou,Normal,,472,75,80,60,65,90,102)

(0.8538283276359573,Nidoking,Poison,Ground,505,81,102,77,85,75,85)

(0.8537672820849878,Bellossom,Grass,,490,75,80,95,90,100,50)

(0.8528638132053191,Hippowdon,Ground,,525,108,112,118,68,72,47)

(0.8475597604797367,MewtwoMega Mewtwo X,Psychic,Fighting,780,106,190,100,154,100,130)

(0.8461378729623547,Lampent,Ghost,Fire,370,60,40,60,95,60,55)

(0.8440557552952812,Vanillish,Ice,,395,51,65,65,80,75,59)

(0.8439806526696609,Skuntank,Poison,Dark,479,103,93,67,71,61,84)

(0.8403977103485681,Chespin,Grass,,313,56,61,65,48,45,38)

(0.8394912245747465,Torkoal,Fire,,470,70,85,140,85,70,20)

(0.8388464051078554,ThundurusIncarnate Forme,Electric,Flying,580,79,115,70,125,80,111)

(0.8351400515809994,HeracrossMega Heracross,Bug,Fighting,600,80,185,115,40,105,75)

(0.8337651438956957,Gigalith,Rock,,515,85,135,130,60,80,25)

(0.8307486855684044,Pangoro,Fighting,Dark,495,95,124,78,69,71,58)

(0.8305727665333724,Yveltal,Dark,Flying,680,126,131,95,131,98,99)

(0.826725636944044,Primeape,Fighting,,455,65,105,60,60,70,95)

(0.8239081438729837,Volcarona,Bug,Fire,550,85,60,65,135,105,100)

(0.8201123695722634,Avalugg,Ice,,514,95,117,184,44,46,28)

(0.8193437026116684,Nosepass,Rock,,375,30,45,135,45,90,30)

(0.8188030111975683,Gengar,Ghost,Poison,500,60,65,60,130,75,110)

(0.8167497286673367,Zekrom,Dragon,Electric,680,100,150,120,120,100,90)

(0.814166565857216,Sudowoodo,Rock,,410,70,100,115,30,65,30)

(0.8120602568167754,LatiosMega Latios,Dragon,Psychic,700,80,130,100,160,120,110)

(0.805556360157396,Bergmite,Ice,,304,55,69,85,32,35,28)

(0.8053789825155906,Rotom,Electric,Ghost,440,50,50,77,95,77,91)

(0.804675271382329,MedichamMega Medicham,Fighting,Psychic,510,60,100,85,80,85,100)

(0.7999737042838021,Starmie,Water,Psychic,520,60,75,85,100,85,115)

(0.7992296678319569,Seadra,Water,,440,55,65,95,95,45,85)

(0.798548801074998,Whiscash,Water,Ground,468,110,78,73,76,71,60)

(0.7982976576520587,Meganium,Grass,,525,80,82,100,83,100,80)

(0.7963888907299118,Marowak,Ground,,425,60,80,110,50,80,45)

(0.7962080369853757,Leavanny,Bug,Grass,500,75,103,80,70,80,92)

(0.7952437014356543,Ninetales,Fire,,505,73,76,75,81,100,100)

(0.7951171734572688,Seaking,Water,,450,80,92,65,65,80,68)

(0.7927083073871478,Boldore,Rock,,390,70,105,105,50,40,20)

(0.7920343338608443,Walrein,Ice,Water,530,110,80,90,95,90,65)

(0.7918042984727516,GardevoirMega Gardevoir,Psychic,Fairy,618,68,85,65,165,135,100)

(0.7903306814221466,Swellow,Normal,Flying,430,60,85,60,50,50,125)

(0.7896513790904769,Xatu,Psychic,Flying,470,65,75,70,95,70,95)

(0.788707665775229,Stantler,Normal,,465,73,95,62,85,65,85)

(0.7865675988280794,ScizorMega Scizor,Bug,Steel,600,70,150,140,65,100,75)

(0.786295891438923,Slaking,Normal,,670,150,160,100,95,65,100)

(0.7861121755499474,Crustle,Bug,Rock,475,70,95,125,65,75,45)

(0.7854322588047076,Weavile,Dark,Ice,510,70,120,65,45,85,125)

(0.779885095156084,Snorlax,Normal,,540,160,110,65,65,110,30)

(0.7759492041629891,Fearow,Normal,Flying,442,65,90,65,61,61,100)

(0.7755648902620347,Onix,Rock,Ground,385,35,45,160,30,45,70)

(0.7736847788064894,Hippopotas,Ground,,330,68,72,78,38,42,32)

(0.7702579746115911,Phione,Water,,480,80,80,80,80,80,80)

(0.7692638799512774,Sableye,Dark,Ghost,380,50,75,75,65,65,50)

(0.7678872803502961,MawileMega Mawile,Steel,Fairy,480,50,105,125,55,95,50)

(0.7676290365320081,Diancie,Rock,Fairy,600,50,100,150,100,150,50)

(0.7651857432625399,Samurott,Water,,528,95,100,85,108,70,70)

(0.761621551406811,Hariyama,Fighting,,474,144,120,60,40,60,50)

(0.7598927439372263,Simisage,Grass,,498,75,98,63,98,63,101)

(0.7594759375795528,Charmeleon,Fire,,405,58,64,58,80,65,80)

(0.757672994184796,Gorebyss,Water,,485,55,84,105,114,75,52)

(0.7575378514499245,Shiftry,Grass,Dark,480,90,100,60,90,60,80)

(0.7541630139410112,Ludicolo,Water,Grass,480,80,70,70,90,100,70)

(0.7521320008887675,Porygon-Z,Normal,,535,85,80,70,135,75,90)

(0.7502444859467405,Tirtouga,Water,Rock,355,54,78,103,53,45,22)

(0.743881876530671,Cloyster,Water,Ice,525,50,95,180,85,45,70)

(0.7427638350877962,Castform,Normal,,420,70,70,70,70,70,70)

(0.742134848189089,Vespiquen,Bug,Flying,474,70,80,102,80,102,40)

(0.7408206517568321,Zweilous,Dark,Dragon,420,72,85,70,65,70,58)

(0.7400314556300998,Spinda,Normal,,360,60,60,60,60,60,60)

(0.7393631519527493,Octillery,Water,,480,75,105,75,105,75,45)

(0.7355058633551494,Greninja,Water,Dark,530,72,95,67,103,71,122)

(0.7326693993354044,Venomoth,Bug,Poison,450,70,65,60,90,75,90)

(0.7326357292874619,Absol,Dark,,465,65,130,60,75,60,75)

(0.7303133867424924,Durant,Bug,Steel,484,58,109,112,48,48,109)

(0.7273339572986279,Scizor,Bug,Steel,500,70,130,100,55,80,65)

(0.7259429585545623,Uxie,Psychic,,580,75,75,130,75,130,95)

(0.7233697861092891,Chesnaught,Grass,Fighting,530,88,107,122,74,75,64)

(0.7226442313421507,Ivysaur,Grass,Poison,405,60,62,63,80,80,60)

(0.721887858744508,HoundoomMega Houndoom,Dark,Fire,600,75,90,90,140,90,115)

(0.7194578360034315,GiratinaAltered Forme,Ghost,Dragon,680,150,100,120,100,120,90)

(0.7138326200759748,Shelgon,Dragon,,420,65,95,100,60,50,50)

(0.7116427667243417,Heatmor,Fire,,484,85,97,66,105,66,65)

(0.7094538874414037,PumpkabooAverage Size,Ghost,Grass,335,49,66,70,44,55,51)

(0.7079721320111363,SlowbroMega Slowbro,Water,Psychic,590,95,75,180,130,80,30)

(0.7072673929110099,Florges,Fairy,,552,78,65,68,112,154,75)

(0.7038722232238553,Tangrowth,Grass,,535,100,100,125,110,50,50)

(0.703034625154058,Rhydon,Ground,Rock,485,105,130,120,45,45,40)

(0.7006625595845721,Cubone,Ground,,320,50,50,95,40,50,35)

(0.7002093195409121,Leafeon,Grass,,525,65,110,130,60,65,95)

(0.6992041265764601,DeoxysSpeed Forme,Psychic,,600,50,95,90,95,90,180)

(0.6960138014628502,AbsolMega Absol,Dark,,565,65,150,60,115,60,115)

(0.6929219104829981,AltariaMega Altaria,Dragon,Fairy,590,75,110,110,110,105,80)

(0.6922618168464698,Dusknoir,Ghost,,525,45,100,135,65,135,45)

(0.6914815819915303,Dusclops,Ghost,,455,40,70,130,60,130,25)

(0.6907543142097704,Klang,Steel,,440,60,80,95,70,85,50)

(0.6887711695706411,CharizardMega Charizard Y,Fire,Flying,634,78,104,78,159,115,100)

(0.6857814947244094,Claydol,Ground,Psychic,500,60,70,105,70,120,75)

(0.6801821633663182,Herdier,Normal,,370,65,80,65,35,65,60)

(0.6793868151335312,Magcargo,Fire,Rock,410,50,50,120,80,80,30)

(0.6793254921400564,Cofagrigus,Ghost,,483,58,50,145,95,105,30)

(0.6777816962716315,Emboar,Fire,Fighting,528,110,123,65,100,65,65)

(0.6768697785047796,Electabuzz,Electric,,490,65,83,57,95,85,105)

(0.6763643905352573,HoopaHoopa Confined,Psychic,Ghost,600,80,110,60,150,130,70)

(0.673768832621187,Mawile,Steel,Fairy,380,50,85,85,55,55,50)

(0.6731242425640402,Vaporeon,Water,,525,130,65,60,110,95,65)

(0.6730502326210498,Mesprit,Psychic,,580,80,105,105,105,105,80)

(0.6721675101260158,Garbodor,Poison,,474,80,95,82,60,82,75)

(0.6719032603688219,Regirock,Rock,,580,80,100,200,50,100,50)

(0.6673414744129559,Whimsicott,Grass,Fairy,480,60,67,85,77,75,116)

(0.6665687565025507,Zebstrika,Electric,,497,75,100,63,80,63,116)

(0.6658057298908486,CameruptMega Camerupt,Fire,Ground,560,70,120,100,145,105,20)

(0.6615890464747001,RotomMow Rotom,Electric,Grass,520,50,65,107,105,107,86)

(0.6602607816970183,Ariados,Bug,Poison,390,70,90,70,60,60,40)

(0.659785910222673,Terrakion,Rock,Fighting,580,91,129,90,72,90,108)

(0.6590415488080702,Heatran,Fire,Steel,600,91,90,106,130,106,77)

(0.6570639170315031,Exeggcute,Grass,Psychic,325,60,40,80,60,45,40)

(0.6564144870789308,Flygon,Ground,Dragon,520,80,100,80,80,80,100)

(0.6532533674396841,Litleo,Fire,Normal,369,62,50,58,73,54,72)

(0.6531135898113549,Ferroseed,Grass,Steel,305,44,50,91,24,86,10)

(0.6529467073744663,Carbink,Rock,Fairy,500,50,50,150,50,150,50)

(0.6510932497619998,Croconaw,Water,,405,65,80,80,59,63,58)

(0.6486311729262909,Omastar,Rock,Water,495,70,60,125,115,70,55)

(0.6481768916356867,Tyrunt,Rock,Dragon,362,58,89,77,45,45,48)

(0.6481587285755281,Spritzee,Fairy,,341,78,52,60,63,65,23)

(0.6440073969723252,Crobat,Poison,Flying,535,85,90,80,70,80,130)

(0.6432476718178002,Bonsly,Rock,,290,50,80,95,10,45,10)

(0.642704520712568,Ho-oh,Fire,Flying,680,106,130,90,110,154,90)

(0.6400284371035909,Gurdurr,Fighting,,405,85,105,85,40,50,40)

(0.6384227760052156,Poliwrath,Water,Fighting,510,90,95,95,70,90,70)

(0.6382424257389496,Muk,Poison,,500,105,105,75,65,100,50)

(0.6359301241219593,Jolteon,Electric,,525,65,65,60,110,95,130)

(0.63361792873082,Huntail,Water,,485,55,104,105,94,75,52)

(0.6303627551988673,Barbaracle,Rock,Water,500,72,105,115,54,86,68)

(0.6268932556705658,WormadamPlant Cloak,Bug,Grass,424,60,59,85,79,105,36)

(0.6267633798809834,Servine,Grass,,413,60,60,75,60,75,83)

(0.6248100691518361,Staraptor,Normal,Flying,485,85,120,70,50,60,100)

(0.6220651508670476,Amoonguss,Grass,Poison,464,114,85,70,85,80,30)

(0.6197672000098273,Aggron,Steel,Rock,530,70,110,180,60,60,50)

(0.6189856140124955,Gloom,Grass,Poison,395,60,65,70,85,75,40)

(0.6170252830641078,ManectricMega Manectric,Electric,,575,70,75,80,135,80,135)

(0.6153896311940793,Conkeldurr,Fighting,,505,105,140,95,55,65,45)

(0.6149001777801497,Reuniclus,Psychic,,490,110,65,75,125,85,30)

(0.6137766911509904,Simisear,Fire,,498,75,98,63,98,63,101)

(0.6131517711073096,Slurpuff,Fairy,,480,82,80,86,85,75,72)

(0.6120054269087654,Tranquill,Normal,Flying,358,62,77,62,50,42,65)

(0.6117809551492375,CharizardMega Charizard X,Fire,Dragon,634,78,130,111,130,85,100)

(0.6095243266066319,PumpkabooSuper Size,Ghost,Grass,335,59,66,70,44,55,41)

(0.608646855514124,Finneon,Water,,330,49,49,56,49,61,66)

(0.6024743168160945,Bibarel,Normal,Water,410,79,85,60,55,60,71)

(0.6022649554322534,TornadusIncarnate Forme,Flying,,580,79,115,70,125,80,111)

(0.5999054973884548,Seviper,Poison,,458,73,100,60,100,60,65)

(0.5997865275406322,Lickilicky,Normal,,515,110,85,95,80,95,50)

(0.5974880198600092,Basculin,Water,,460,70,92,65,80,55,98)

(0.5949022929079997,Donphan,Ground,,500,90,120,120,60,60,50)

(0.5890045118694391,Swalot,Poison,,467,100,73,83,73,83,55)

(0.584750917649932,Bisharp,Dark,Steel,490,65,125,100,60,70,70)

(0.5839526579384426,Bronzor,Steel,Psychic,300,57,24,86,24,86,23)

(0.5830264134183815,RotomHeat Rotom,Electric,Fire,520,50,65,107,105,107,86)

(0.5813828852713666,Machoke,Fighting,,405,80,100,70,50,60,45)

(0.5806851323146143,AlakazamMega Alakazam,Psychic,,590,55,50,65,175,95,150)

(0.5789849861189608,Nidorino,Poison,,365,61,72,57,55,55,65)

(0.5782986622196806,Solrock,Rock,Psychic,440,70,95,85,55,65,70)

(0.5764363617722252,Magnemite,Electric,Steel,325,25,35,70,95,55,45)

(0.5741807169914711,Kingler,Water,,475,55,130,115,50,50,75)

(0.5741014382986562,LucarioMega Lucario,Fighting,Steel,625,70,145,88,140,70,112)

(0.5702686322362706,Clamperl,Water,,345,35,64,85,74,55,32)

(0.5698648100833906,Cottonee,Grass,Fairy,280,40,27,60,37,50,66)

(0.5615345088881372,Prinplup,Water,,405,64,66,68,81,76,50)

(0.559640299470368,Skorupi,Poison,Bug,330,40,50,90,30,55,65)

(0.5565131054767353,Masquerain,Bug,Flying,414,70,60,62,80,82,60)

(0.5540655398841732,Mewtwo,Psychic,,680,106,110,90,154,90,130)

(0.5519211055786544,Venusaur,Grass,Poison,525,80,82,83,100,100,80)

(0.5519066375549755,Darkrai,Dark,,600,70,90,90,135,90,125)

(0.5511197718652511,MewtwoMega Mewtwo Y,Psychic,,780,106,150,70,194,120,140)

(0.5501145761310604,Ampharos,Electric,,510,90,75,85,115,90,55)

(0.549887875662884,WormadamSandy Cloak,Bug,Ground,424,60,79,105,59,85,36)

(0.5495036015299759,Bagon,Dragon,,300,45,75,60,40,30,50)

(0.5442734081543493,Skarmory,Steel,Flying,465,65,80,140,40,70,70)

(0.5427425584482795,Spewpa,Bug,,213,45,22,60,27,30,29)

(0.5420965570715914,Dragonite,Dragon,Flying,600,91,134,95,100,100,80)

(0.5420075921429895,Sawk,Fighting,,465,75,125,75,30,75,85)

(0.5412010114801463,Scrafty,Dark,Fighting,488,65,90,115,45,115,58)

(0.5411928819587397,Lilligant,Grass,,480,70,60,75,110,75,90)

(0.5399944540809092,Arcanine,Fire,,555,90,110,80,100,80,95)

(0.5387271766549182,GourgeistSmall Size,Ghost,Grass,494,55,85,122,58,75,99)

(0.536974342004444,Cherrim,Grass,,450,70,60,70,87,78,85)

(0.5363801149382451,Magmar,Fire,,495,65,95,57,100,85,93)

(0.5344134103943327,Aerodactyl,Rock,Flying,515,80,105,65,60,75,130)

(0.5323917727932362,Excadrill,Ground,Steel,508,110,135,60,50,65,88)

(0.5321985624795585,Glalie,Ice,,480,80,80,80,80,80,80)

(0.5267479094073602,Poliwhirl,Water,,385,65,65,65,50,50,90)

(0.5250512079560185,Dewott,Water,,413,75,75,60,83,60,60)

(0.5220670196529479,Gallade,Psychic,Fighting,518,68,125,65,65,115,80)

(0.5217035545105594,Pineco,Bug,,290,50,65,90,35,35,15)

(0.5211706460832406,Talonflame,Fire,Flying,499,78,81,71,74,69,126)

(0.5204061250097429,Blastoise,Water,,530,79,83,100,85,105,78)

(0.5199818272328887,Jirachi,Steel,Psychic,600,100,100,100,100,100,100)

(0.5153122191830114,Cacturne,Grass,Dark,475,70,115,60,115,60,55)

(0.5111949838816091,Linoone,Normal,,420,78,70,61,50,61,100)

(0.5089896864909157,PinsirMega Pinsir,Bug,Flying,600,65,155,120,65,90,105)

(0.5088133377947206,Togetic,Fairy,Flying,405,55,40,85,80,105,40)

(0.5067227770593473,Ferrothorn,Grass,Steel,489,74,94,131,54,116,20)

(0.5057195517354036,Trevenant,Ghost,Grass,474,85,110,76,65,82,56)

(0.5010747144320683,Koffing,Poison,,340,40,65,95,60,45,35)

(0.5006642586367854,Phanpy,Ground,,330,90,60,60,40,40,40)

(0.497738661324737,Entei,Fire,,580,115,115,85,90,75,100)

(0.4976175247043999,Golduck,Water,,500,80,82,78,95,80,85)

(0.49693772614700316,Archeops,Rock,Flying,567,75,140,65,112,65,110)

(0.4963078674873339,Forretress,Bug,Steel,465,75,90,140,60,60,40)

(0.49411871340872104,Hitmontop,Fighting,,455,50,95,95,35,110,70)

(0.49236384543352674,Nincada,Bug,Ground,266,31,45,90,30,30,40)

(0.4912945893396574,Musharna,Psychic,,487,116,55,85,107,95,29)

(0.4882530781984036,Totodile,Water,,314,50,65,64,44,48,43)

(0.4873782290700044,SceptileMega Sceptile,Grass,Dragon,630,70,110,75,145,85,145)

(0.4826133030068419,Persian,Normal,,440,65,70,60,65,65,115)

(0.48225453700836485,Braviary,Normal,Flying,510,100,123,75,57,75,80)

(0.47854260472972776,AbomasnowMega Abomasnow,Grass,Ice,594,90,132,105,132,105,30)

(0.4784003123252948,Manaphy,Water,,600,100,100,100,100,100,100)

(0.47715418693572687,Gardevoir,Psychic,Fairy,518,68,65,65,125,115,80)

(0.47564887495167774,Mismagius,Ghost,,495,60,60,60,105,105,105)

(0.4745779763734894,Kecleon,Normal,,440,60,90,70,60,120,40)

(0.4710509856898505,Crawdaunt,Water,Dark,468,63,120,85,90,55,55)

(0.4666737217500522,Quilladin,Grass,,405,61,78,95,56,58,57)

(0.4646367133080328,Dustox,Bug,Poison,385,60,50,70,50,90,65)

(0.46307102551841495,Swampert,Water,Ground,535,100,110,90,85,90,60)

(0.460783519503261,SharpedoMega Sharpedo,Water,Dark,560,70,140,70,110,65,105)

(0.46047332151505715,RotomWash Rotom,Electric,Water,520,50,65,107,105,107,86)

(0.45988427913567687,ShayminSky Forme,Grass,Flying,600,100,103,75,120,75,127)

(0.4534919779925545,Scraggy,Dark,Fighting,348,50,75,70,35,70,48)

(0.4520032821189399,Feraligatr,Water,,530,85,105,100,79,83,78)

(0.4505249182428538,Cobalion,Steel,Fighting,580,91,90,129,90,72,108)

(0.44851147636617106,GroudonPrimal Groudon,Ground,Fire,770,100,180,160,150,90,90)

(0.4471768430445431,Kabutops,Rock,Water,495,60,115,105,65,70,80)

(0.44415126756725953,Klink,Steel,,300,40,55,70,45,60,30)

(0.44287451149080637,Tyrantrum,Rock,Dragon,521,82,121,119,69,59,71)

(0.4422654154291935,Magmortar,Fire,,540,75,95,67,125,95,83)

(0.44219922494889785,Togekiss,Fairy,Flying,545,85,50,95,120,115,80)

(0.43933655769734825,Typhlosion,Fire,,534,78,84,78,109,85,100)

(0.4365363036282368,Golbat,Poison,Flying,455,75,80,70,65,75,90)

(0.43627465743671534,Mienshao,Fighting,,510,65,125,60,95,60,105)

(0.43264775065306793,Chimecho,Psychic,,425,65,50,70,95,80,65)

(0.43105156155443114,Roggenrola,Rock,,280,55,75,85,25,25,15)

(0.4309379571856592,Parasect,Bug,Grass,405,60,95,80,60,80,30)

(0.4286830917207254,Dunsparce,Normal,,415,100,70,70,65,65,45)

(0.42685618867797515,Duskull,Ghost,,295,20,40,90,30,90,25)

(0.4229007605133617,Sewaddle,Bug,Grass,310,45,53,70,40,60,42)

(0.41991373235357254,Clauncher,Water,,330,50,53,62,58,63,44)

(0.41431244263610745,Gastrodon,Water,Ground,475,111,83,68,92,82,39)

(0.41147790403417916,Aromatisse,Fairy,,462,101,72,72,99,89,29)

(0.41075757297508864,Chikorita,Grass,,318,45,49,65,49,65,45)

(0.410358182138426,Slakoth,Normal,,280,60,60,60,35,35,30)

(0.4070080726151727,Geodude,Rock,Ground,300,40,80,100,30,30,20)

(0.40676156592918256,Swadloon,Bug,Grass,380,55,63,90,50,80,42)

(0.40661979599375464,Palkia,Water,Dragon,680,90,120,100,150,120,100)

(0.4047165655549564,Lapras,Water,Ice,535,130,85,80,85,95,60)

(0.4046679384392985,KyuremWhite Kyurem,Dragon,Ice,700,125,120,90,170,100,95)

(0.4046349261601214,Jellicent,Water,Ghost,480,100,60,70,85,105,60)

(0.4043586842940943,Binacle,Rock,Water,306,42,52,67,39,56,50)

(0.40433072243195445,Hitmonchan,Fighting,,455,50,105,79,35,110,76)

(0.4024396111132297,Beldum,Steel,Psychic,300,40,55,80,35,60,30)

(0.4014807658071302,Luxray,Electric,,523,80,120,79,95,79,70)

(0.4009257538412395,RayquazaMega Rayquaza,Dragon,Flying,780,105,180,100,180,100,115)

(0.39948879828872186,ThundurusTherian Forme,Electric,Flying,580,79,105,70,145,80,101)

(0.39865934218922416,Golem,Rock,Ground,495,80,120,130,55,65,45)

(0.3982670650342255,RotomFan Rotom,Electric,Flying,520,50,65,107,105,107,86)

(0.3960030284053495,Nidoqueen,Poison,Ground,505,90,92,87,75,85,76)

(0.39508503525431293,Mew,Psychic,,600,100,100,100,100,100,100)

(0.39422875136492863,Empoleon,Water,Steel,530,84,86,88,111,101,60)

(0.3913847350124654,Diggersby,Normal,Ground,423,85,56,77,50,77,78)

(0.38888846405978894,GourgeistAverage Size,Ghost,Grass,494,65,90,122,58,75,84)

(0.38772515582404876,Rampardos,Rock,,495,97,165,60,65,50,58)

(0.3867938286711806,Goldeen,Water,,320,45,67,60,35,50,63)

(0.3849090519127816,PumpkabooLarge Size,Ghost,Grass,335,54,66,70,44,55,46)

(0.3798147391983827,GourgeistLarge Size,Ghost,Grass,494,75,95,122,58,75,69)

(0.3781850936493907,Regigigas,Normal,,670,110,160,110,80,110,100)

(0.37625717912547263,Froslass,Ice,Ghost,480,70,80,70,80,70,110)

(0.37611857682342964,Victreebel,Grass,Poison,490,80,105,65,100,70,70)

(0.373648846422731,Wartortle,Water,,405,59,63,80,65,80,58)

(0.3735781617981945,Celebi,Psychic,Grass,600,100,100,100,100,100,100)

(0.36966881139869345,Garchomp,Dragon,Ground,600,108,130,95,80,85,102)

(0.36632897713016366,Raikou,Electric,,580,90,85,75,115,100,115)

(0.36239115656480547,TornadusTherian Forme,Flying,,580,79,100,80,110,90,121)

(0.3604822063893556,Tropius,Grass,Flying,460,99,68,83,72,87,51)

(0.3604355613459218,Chandelure,Ghost,Fire,520,60,55,90,145,90,80)

(0.36034297911508384,Lugia,Psychic,Flying,680,106,90,130,90,154,110)

(0.3603081113727389,Aurorus,Rock,Ice,521,123,77,72,99,92,58)

(0.35866994098640725,Infernape,Fire,Fighting,534,76,104,71,104,71,108)

(0.3586190751802869,GalladeMega Gallade,Psychic,Fighting,618,68,165,95,65,115,110)

(0.3582344563180597,Kabuto,Rock,Water,355,30,80,90,55,45,55)

(0.35318088996980657,DarmanitanZen Mode,Fire,Psychic,540,105,30,105,140,105,55)

(0.3529074521388019,Rhyhorn,Ground,Rock,345,80,85,95,30,30,25)

(0.35270369631151,Vanilluxe,Ice,,535,71,95,85,110,95,79)

(0.35217417637333215,Bouffalant,Normal,,490,95,110,95,40,95,55)

(0.3514845661802245,Gothitelle,Psychic,,490,70,55,95,95,110,65)

(0.3514766585952098,Bronzong,Steel,Psychic,500,67,89,116,79,116,33)

(0.34928413695528027,Shelmet,Bug,,305,50,40,85,40,65,25)

(0.3478681215229087,Salamence,Dragon,Flying,600,95,135,80,110,80,100)

(0.34706537243232294,Dedenne,Electric,Fairy,431,67,58,57,81,67,101)

(0.345143084694582,Lopunny,Normal,,480,65,76,84,54,96,105)

(0.3444023488755169,Delphox,Fire,Psychic,534,75,69,72,114,100,104)

(0.34437175599887393,Malamar,Dark,Psychic,482,86,92,88,68,75,73)

(0.3412674414462329,Toxicroak,Poison,Fighting,490,83,106,65,86,65,85)

(0.33894661945483817,Clawitzer,Water,,500,71,73,88,120,89,59)

(0.3366199918691922,Goodra,Dragon,,600,90,100,70,110,150,80)

(0.3360723883529517,Sylveon,Fairy,,525,95,65,65,110,130,60)

(0.3307073553233124,Stunfisk,Ground,Electric,471,109,66,84,81,99,32)

(0.33064859294674276,Krabby,Water,,325,30,105,90,25,25,50)

(0.32955022244061505,Pyroar,Fire,Normal,507,86,68,72,109,66,106)

(0.3292667305388891,Piloswine,Ice,Ground,450,100,100,80,60,60,50)

(0.3278330973296387,Mandibuzz,Dark,Flying,510,110,65,105,55,95,80)

(0.3269921798598945,Dragalge,Poison,Dragon,494,65,75,90,97,123,44)

(0.3241837803361416,Eelektrik,Electric,,405,65,85,70,75,70,40)

(0.3234164641531255,Escavalier,Bug,Steel,495,70,135,105,60,105,20)

(0.32186660366586795,Haxorus,Dragon,,540,76,147,90,60,70,97)

(0.3217499709817254,KyuremBlack Kyurem,Dragon,Ice,700,125,170,100,120,90,95)

(0.31987671248061533,Granbull,Fairy,,450,90,120,75,60,60,45)

(0.3195508626557282,Tentacruel,Water,Poison,515,80,70,65,80,120,100)

(0.31595151501372554,Raticate,Normal,,413,55,81,60,50,70,97)

(0.3138952642669596,Slowpoke,Water,Psychic,315,90,65,65,40,40,15)

(0.3114974914145856,Flareon,Fire,,525,65,130,60,95,110,65)

(0.30727247304866534,Skrelp,Poison,Water,320,50,60,60,60,60,30)

(0.3030160038619911,Marshtomp,Water,Ground,405,70,85,70,60,70,50)

(0.2986849341164708,KeldeoOrdinary Forme,Water,Fighting,580,91,72,90,129,90,108)

(0.29630890011558897,Lickitung,Normal,,385,90,55,75,60,75,30)

(0.2960187571531878,Golurk,Ground,Ghost,483,89,124,80,55,80,55)

(0.29053599537817365,Moltres,Fire,Flying,580,90,100,90,125,85,90)

(0.28780028244151523,Shuckle,Bug,Rock,505,20,10,230,10,230,5)

(0.28575615825705725,Groudon,Ground,,670,100,150,140,100,90,90)

(0.2854942570866499,Arbok,Poison,,438,60,85,69,65,79,80)

(0.2853685085631956,Machamp,Fighting,,505,90,130,80,65,85,55)

(0.283220075805919,Lileep,Rock,Grass,355,66,41,77,61,87,23)

(0.28303082064276797,Cresselia,Psychic,,600,120,70,120,75,130,85)

(0.28056822489801614,Genesect,Bug,Steel,600,71,120,95,120,95,99)

(0.28037045218476353,Galvantula,Bug,Electric,472,70,77,60,97,60,108)

(0.27634221221196,Pupitar,Rock,Ground,410,70,84,70,65,70,51)

(0.2751060780642599,Rayquaza,Dragon,Flying,680,105,150,90,150,90,95)

(0.2733766989550168,Rhyperior,Ground,Rock,535,115,140,130,55,55,40)

(0.27059966072778263,Aron,Steel,Rock,330,50,70,100,40,40,30)

(0.27023164424502566,Heracross,Bug,Fighting,500,80,125,75,40,95,85)

(0.26963560923370467,Vullaby,Dark,Flying,370,70,55,75,45,65,60)

(0.2655797652873175,MeowsticMale,Psychic,,466,74,48,76,83,81,104)

(0.2646570413930821,Quilava,Fire,,405,58,64,58,80,65,80)

(0.2640383905959969,Miltank,Normal,,490,95,80,105,40,70,100)

(0.2594155716941635,Lanturn,Water,Electric,460,125,58,58,76,76,67)

(0.2572653304088177,Krookodile,Ground,Dark,519,95,117,80,65,70,92)

(0.2507515310019972,Sceptile,Grass,,530,70,85,65,105,85,120)

(0.24885980393384877,Klinklang,Steel,,520,60,100,115,70,85,90)

(0.24794894335494022,Hydreigon,Dark,Dragon,600,92,105,90,125,90,98)

(0.24677840834545373,Honedge,Steel,Ghost,325,45,80,100,35,37,28)

(0.24598236220610092,BlazikenMega Blaziken,Fire,Fighting,630,80,160,80,130,80,100)

(0.2457491543617395,Graveler,Rock,Ground,390,55,95,115,45,45,35)

(0.24492363648804905,AegislashShield Forme,Steel,Ghost,520,60,50,150,50,150,60)

(0.2443768512408463,GengarMega Gengar,Ghost,Poison,600,60,65,80,170,95,130)

(0.24026102049604225,Articuno,Ice,Flying,580,90,85,100,95,125,85)

(0.23700609768311265,Druddigon,Dragon,,485,77,120,90,60,90,48)

(0.2350910509126125,Simipour,Water,,498,75,98,63,98,63,101)

(0.23497611013413522,Yamask,Ghost,,303,38,30,85,55,65,30)

(0.23401695928317012,Cinccino,Normal,,470,75,95,60,65,60,115)

(0.23305212274398945,SwampertMega Swampert,Water,Ground,635,100,150,110,95,110,70)

(0.23212367043336912,Alomomola,Water,,470,165,75,80,40,45,65)

(0.23121145628249462,Xerneas,Fairy,,680,126,131,95,131,98,99)

(0.22994094304087198,Electrode,Electric,,480,60,50,70,80,80,140)

(0.22910361219791364,Sigilyph,Psychic,Flying,490,72,58,80,103,80,97)

(0.22889396271421425,Trubbish,Poison,,329,50,50,62,40,62,65)

(0.2287146457632392,Throh,Fighting,,465,120,100,85,30,85,45)

(0.22804885980088274,Kyurem,Dragon,Ice,660,125,130,90,130,90,95)

(0.22780905202352708,Wobbuffet,Psychic,,405,190,33,58,33,58,33)

(0.22733622633965822,Whirlipede,Bug,Poison,360,40,55,99,40,79,47)

(0.22500093281018074,Combusken,Fire,Fighting,405,60,85,60,85,60,55)

(0.22284491042273968,Mamoswine,Ice,Ground,530,110,130,80,70,60,80)

(0.22009598179333967,Stoutland,Normal,,500,85,110,90,45,90,80)

(0.21111632814776982,Shieldon,Rock,Steel,350,30,42,118,42,88,30)

(0.21052362464854568,MeowsticFemale,Psychic,,466,74,48,76,83,81,104)

(0.20324097441518985,Squirtle,Water,,314,44,48,65,50,64,43)

(0.2031233641096798,Dragonair,Dragon,,420,61,84,65,70,70,70)

(0.20043882168178095,Arceus,Normal,,720,120,120,120,120,120,120)

(0.19842412233192908,Latias,Dragon,Psychic,600,80,80,90,110,130,110)

(0.1965489881693412,Rapidash,Fire,,500,65,100,70,80,80,105)

(0.19084243895387676,Sawsbuck,Normal,Grass,475,80,100,70,60,70,95)

(0.1890438232592171,BanetteMega Banette,Ghost,,555,64,165,75,93,83,75)

(0.18428129646110725,Beheeyem,Psychic,,485,75,75,75,125,95,40)

(0.18347171637978776,Dialga,Steel,Dragon,680,100,120,120,150,100,90)

(0.18293563291627257,Breloom,Grass,Fighting,460,60,130,80,60,60,70)

(0.18028799533977047,Lairon,Steel,Rock,430,60,90,140,50,50,40)

(0.1785731084426827,Zapdos,Electric,Flying,580,90,90,85,125,90,100)

(0.17505648582796418,Gogoat,Grass,,531,123,100,62,97,81,68)

(0.1731803276223549,Lumineon,Water,,460,69,69,76,69,86,91)

(0.17281849263964877,Emolga,Electric,Flying,428,55,75,60,75,60,103)

(0.17036755120408353,GourgeistSuper Size,Ghost,Grass,494,85,100,122,58,75,54)

(0.16918221646145792,Beartic,Ice,,485,95,110,80,70,80,50)

(0.16882114730204756,Kingdra,Water,Dragon,540,75,95,95,95,95,85)

(0.16789686723510477,Regice,Ice,,580,80,50,100,100,200,50)

(0.16603195480771316,Gyarados,Water,Flying,540,95,125,79,60,100,81)

(0.16355953235336163,MetagrossMega Metagross,Steel,Psychic,700,80,145,150,105,110,110)

(0.16255155613467898,Magneton,Electric,Steel,465,50,60,95,120,70,70)

(0.1611764765431617,Sealeo,Ice,Water,410,90,60,70,75,70,45)

(0.16054342016669765,Charizard,Fire,Flying,534,78,84,78,109,85,100)

(0.1603569790258459,AggronMega Aggron,Steel,,630,70,140,230,60,80,50)

(0.15654039945501752,Noivern,Flying,Dragon,535,85,70,80,97,80,123)

(0.15503651242955274,Zoroark,Dark,,510,60,105,60,120,60,105)

(0.14808441451147203,Bayleef,Grass,,405,60,62,80,63,80,60)

(0.14506134662376324,AerodactylMega Aerodactyl,Rock,Flying,615,80,135,85,70,95,150)

(0.14458732638329264,Lucario,Fighting,Steel,525,70,110,70,115,70,90)

(0.14220890963722588,LandorusTherian Forme,Ground,Flying,600,89,145,90,105,80,91)

(0.14015375725083867,Latios,Dragon,Psychic,600,80,90,80,130,110,110)

(0.13980074255112773,Girafarig,Normal,Psychic,455,70,80,65,90,65,85)

(0.13766388411521424,Gabite,Dragon,Ground,410,68,90,65,50,55,82)

(0.13599826268781012,Slowbro,Water,Psychic,490,95,75,110,100,80,30)

(0.13396371118641937,Pawniard,Dark,Steel,340,45,85,70,40,40,60)

(0.13174119653065763,Clefable,Fairy,,483,95,70,73,95,90,60)

(0.12641815058267913,Metagross,Steel,Psychic,600,80,135,130,95,90,70)

(0.1258059431521047,Cradily,Rock,Grass,495,86,81,97,81,107,43)

(0.12516136205333606,AudinoMega Audino,Normal,Fairy,545,103,60,126,80,126,50)

(0.12359618972815978,Zygarde50% Forme,Dragon,Ground,600,108,100,121,81,95,95)

(0.12323383408426736,Axew,Dragon,,320,46,87,60,30,40,57)

(0.12270354314859733,TyranitarMega Tyranitar,Rock,Dark,700,100,164,150,95,120,71)

(0.12086232570407807,DeoxysDefense Forme,Psychic,,600,50,70,160,70,160,90)

(0.11814672712331631,Weezing,Poison,,490,65,90,120,85,70,60)

(0.11331062973326589,Seismitoad,Water,Ground,509,105,95,75,85,75,74)

(0.11315925120828263,Zangoose,Normal,,458,73,115,60,60,60,90)

(0.11141069937304338,Torterra,Grass,Ground,525,95,109,105,75,85,56)

(0.10961931266433922,GyaradosMega Gyarados,Water,Dark,640,95,155,109,70,130,81)

(0.10695697845736529,Kangaskhan,Normal,,490,105,95,80,40,80,90)

(0.10606136458288817,Magnezone,Electric,Steel,535,70,70,115,130,90,60)

(0.10503538358530917,Sandslash,Ground,,450,75,100,110,45,55,65)

(0.10444939076203874,SableyeMega Sableye,Dark,Ghost,480,50,85,125,85,115,20)

(0.10379681197723678,Suicune,Water,,580,100,75,115,90,115,85)

(0.10306871922169214,Espeon,Psychic,,525,65,65,60,130,95,110)

(0.10215355132901671,Azumarill,Water,Fairy,420,100,50,80,60,80,50)

(0.09942160943879375,Vileplume,Grass,Poison,490,75,80,85,110,90,50)

(0.09647260883409314,Dewgong,Water,Ice,475,90,70,80,70,95,70)

(0.09518167022069857,MeloettaAria Forme,Normal,Psychic,600,100,77,77,128,128,90)

(0.09508099493084998,Umbreon,Dark,,525,95,65,110,60,130,65)

(0.09313765231106597,Omanyte,Rock,Water,355,35,40,100,90,55,35)

(0.09118595347520841,Blaziken,Fire,Fighting,530,80,120,70,110,70,80)

(0.08786244261279164,Braixen,Fire,,409,59,59,58,90,70,73)

(0.08657326973629087,Armaldo,Rock,Bug,495,75,125,100,70,80,45)

(0.0860382969030653,Tauros,Normal,,490,75,100,95,40,70,110)

(0.08415245034839025,Tyranitar,Rock,Dark,600,100,134,110,95,100,61)

(0.08313798581548915,Watchog,Normal,,420,60,85,69,60,69,77)

(0.08025439667579093,Mightyena,Dark,,420,70,90,70,60,60,70)

(0.08011507855062705,Carracosta,Water,Rock,495,74,108,133,83,65,32)

(0.07854441323550843,Fraxure,Dragon,,410,66,117,70,40,50,67)

(0.07652219288550932,GiratinaOrigin Forme,Ghost,Dragon,680,150,120,100,120,100,90)

(0.07601748477985382,BlastoiseMega Blastoise,Water,,630,79,103,120,135,115,78)

(0.07547787642396042,Spiritomb,Ghost,Dark,485,50,92,108,92,108,35)

(0.07339091903757655,HoopaHoopa Unbound,Psychic,Dark,680,80,160,60,170,130,80)

(0.07018871459375597,Mr. Mime,Psychic,Fairy,460,40,45,65,100,120,90)

(0.06737147980533498,SalamenceMega Salamence,Dragon,Flying,700,95,145,130,120,90,120)

(0.06504475812200217,MeloettaPirouette Forme,Normal,Fighting,600,100,128,90,77,77,128)

(0.062411329880768696,Swirlix,Fairy,,341,62,48,66,59,57,49)

(0.06229899946757167,Lunatone,Rock,Psychic,440,70,55,65,95,85,70)

(0.0614581737654174,Maractus,Grass,,461,75,86,67,106,67,60)

(0.06138873436139547,LopunnyMega Lopunny,Normal,Fighting,580,65,136,94,54,96,135)

(0.05761137707182362,DiancieMega Diancie,Rock,Fairy,700,50,160,110,160,110,110)

(0.05504237805805334,Mantine,Water,Flying,465,65,40,70,80,140,70)

(0.05220789990882013,Roserade,Grass,Poison,515,60,70,65,125,105,90)

(0.04831938794217161,Doublade,Steel,Ghost,448,59,110,150,45,49,35)

(0.047604431404315695,Eelektross,Electric,,515,85,115,80,105,80,50)

(0.046434716616506444,Carnivine,Grass,,454,74,100,72,90,72,46)

(0.045211704558716814,Pancham,Fighting,,348,67,82,62,46,48,43)

(0.04489765371249477,AmpharosMega Ampharos,Electric,Dragon,610,90,95,105,165,110,45)

(0.04443723375022435,RotomFrost Rotom,Electric,Ice,520,50,65,107,105,107,86)

(0.043254808654977106,LandorusIncarnate Forme,Ground,Flying,600,89,125,90,115,80,101)

(0.041876176151997346,Virizion,Grass,Fighting,580,91,90,72,90,129,108)

(0.03920266171459874,Misdreavus,Ghost,,435,60,60,60,85,85,85)

(0.03801039376622328,SteelixMega Steelix,Steel,Ground,610,75,125,230,55,95,30)

(0.036652670584611524,ShayminLand Forme,Grass,,600,100,100,100,100,100,100)

(0.03514960014564772,Tangela,Grass,,435,65,55,115,100,40,60)

(0.033357482823307305,Medicham,Fighting,Psychic,410,60,60,75,60,75,80)

(0.03139945361768581,Scyther,Bug,Flying,500,70,110,80,55,80,105)

(0.030321297819981385,Manectric,Electric,,475,70,75,60,105,60,105)

(0.029470167262543367,Gothorita,Psychic,,390,60,45,70,75,85,55)

(0.02945496489064181,Vigoroth,Normal,,440,80,80,80,55,55,90)

(0.029294443372529178,GarchompMega Garchomp,Dragon,Ground,700,108,170,115,120,95,92)

(0.025206911031461998,Quagsire,Water,Ground,430,95,85,85,65,65,35)

(0.024944774662101432,Nidorina,Poison,,365,70,62,67,55,55,56)

(0.017591996583008584,Yanmega,Bug,Flying,515,86,76,86,116,56,95)

(0.01753497620686295,Gliscor,Ground,Flying,510,75,95,125,45,75,95)

(0.014582075108802717,Unfezant,Normal,Flying,488,80,115,80,65,55,93)

(0.012756436957172101,KeldeoResolute Forme,Water,Fighting,580,91,72,90,129,90,108)

(0.010271526199260195,VenusaurMega Venusaur,Grass,Poison,625,80,100,123,122,120,80)

(0.0089533844085119,Glaceon,Ice,,525,65,60,110,130,95,65)

(0.0031245768062706514,Hypno,Psychic,,483,85,73,70,73,115,67)

(0.0030187850203210465,Victini,Psychic,Fire,600,100,100,100,100,100,100)

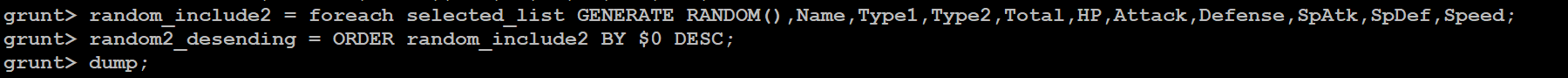
(9.858370962123608E-4,Milotic,Water,,540,95,60,79,100,125,81)

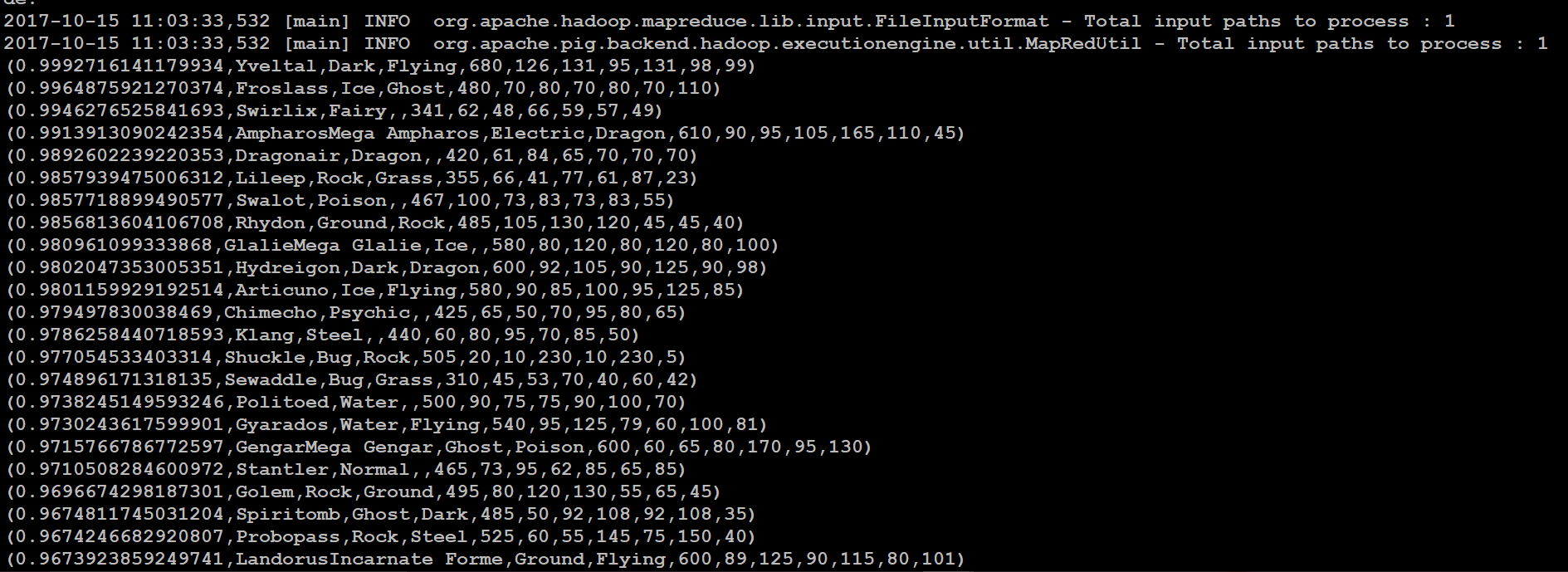
#### Ques 5: Now on a new relation again associate random numbers for each Pokémon and arrange in descending order according to column random.

grunt> random\_include2 = foreach selected\_list GENERATE RANDOM(),Name,Type1,Type2,Total,HP,Attack,Defense,SpAtk,SpDef,Speed;

grunt> random2\_desending = ORDER random\_include2 BY $0 DESC;

grunt> dump;





Output: -

(0.9992716141179934,Yveltal,Dark,Flying,680,126,131,95,131,98,99)

(0.9964875921270374,Froslass,Ice,Ghost,480,70,80,70,80,70,110)

(0.9946276525841693,Swirlix,Fairy,,341,62,48,66,59,57,49)

(0.9913913090242354,AmpharosMega Ampharos,Electric,Dragon,610,90,95,105,165,110,45)

(0.9892602239220353,Dragonair,Dragon,,420,61,84,65,70,70,70)

(0.9857939475006312,Lileep,Rock,Grass,355,66,41,77,61,87,23)

(0.9857718899490577,Swalot,Poison,,467,100,73,83,73,83,55)

(0.9856813604106708,Rhydon,Ground,Rock,485,105,130,120,45,45,40)

(0.980961099333868,GlalieMega Glalie,Ice,,580,80,120,80,120,80,100)

(0.9802047353005351,Hydreigon,Dark,Dragon,600,92,105,90,125,90,98)

(0.9801159929192514,Articuno,Ice,Flying,580,90,85,100,95,125,85)

(0.979497830038469,Chimecho,Psychic,,425,65,50,70,95,80,65)

(0.9786258440718593,Klang,Steel,,440,60,80,95,70,85,50)

(0.977054533403314,Shuckle,Bug,Rock,505,20,10,230,10,230,5)

(0.974896171318135,Sewaddle,Bug,Grass,310,45,53,70,40,60,42)

(0.9738245149593246,Politoed,Water,,500,90,75,75,90,100,70)

(0.9730243617599901,Gyarados,Water,Flying,540,95,125,79,60,100,81)

(0.9715766786772597,GengarMega Gengar,Ghost,Poison,600,60,65,80,170,95,130)

(0.9710508284600972,Stantler,Normal,,465,73,95,62,85,65,85)

(0.9696674298187301,Golem,Rock,Ground,495,80,120,130,55,65,45)

(0.9674811745031204,Spiritomb,Ghost,Dark,485,50,92,108,92,108,35)

(0.9674246682920807,Probopass,Rock,Steel,525,60,55,145,75,150,40)

(0.9673923859249741,LandorusIncarnate Forme,Ground,Flying,600,89,125,90,115,80,101)

(0.9636851966642581,AegislashShield Forme,Steel,Ghost,520,60,50,150,50,150,60)

(0.9619419729774389,Entei,Fire,,580,115,115,85,90,75,100)

(0.9614271906679461,Emolga,Electric,Flying,428,55,75,60,75,60,103)

(0.9593054832966369,Electrode,Electric,,480,60,50,70,80,80,140)

(0.954058853470357,Electivire,Electric,,540,75,123,67,95,85,95)

(0.9539349302084961,Magmortar,Fire,,540,75,95,67,125,95,83)

(0.9523984333276537,Qwilfish,Water,Poison,430,65,95,75,55,55,85)

(0.9510515510065111,Chandelure,Ghost,Fire,520,60,55,90,145,90,80)

(0.9474642327446493,Slakoth,Normal,,280,60,60,60,35,35,30)

(0.9463359852372145,Ferroseed,Grass,Steel,305,44,50,91,24,86,10)

(0.9455074307305017,Xatu,Psychic,Flying,470,65,75,70,95,70,95)

(0.9437626394530161,Litleo,Fire,Normal,369,62,50,58,73,54,72)

(0.9424360637976653,Omanyte,Rock,Water,355,35,40,100,90,55,35)

(0.941752415411082,Noivern,Flying,Dragon,535,85,70,80,97,80,123)

(0.9386741766514629,GardevoirMega Gardevoir,Psychic,Fairy,618,68,85,65,165,135,100)

(0.9374214776333563,KyuremBlack Kyurem,Dragon,Ice,700,125,170,100,120,90,95)

(0.9357826506312358,GourgeistLarge Size,Ghost,Grass,494,75,95,122,58,75,69)

(0.9346879856681313,Lucario,Fighting,Steel,525,70,110,70,115,70,90)

(0.9331663942837797,Skuntank,Poison,Dark,479,103,93,67,71,61,84)

(0.9304801663028291,Throh,Fighting,,465,120,100,85,30,85,45)

(0.930076748588711,Salamence,Dragon,Flying,600,95,135,80,110,80,100)

(0.9280725138264709,Lopunny,Normal,,480,65,76,84,54,96,105)

(0.9278811422265292,HoundoomMega Houndoom,Dark,Fire,600,75,90,90,140,90,115)

(0.9263804034465852,LucarioMega Lucario,Fighting,Steel,625,70,145,88,140,70,112)

(0.9248088502955991,Heatran,Fire,Steel,600,91,90,106,130,106,77)

(0.9225451578564088,Magnezone,Electric,Steel,535,70,70,115,130,90,60)

(0.9194580228347706,Graveler,Rock,Ground,390,55,95,115,45,45,35)

(0.9192516091122926,Toxicroak,Poison,Fighting,490,83,106,65,86,65,85)

(0.9177646759051448,Rayquaza,Dragon,Flying,680,105,150,90,150,90,95)

(0.9172341939169925,Reshiram,Dragon,Fire,680,100,120,100,150,120,90)

(0.9168553852010441,Tyrunt,Rock,Dragon,362,58,89,77,45,45,48)

(0.9121516448856918,Trubbish,Poison,,329,50,50,62,40,62,65)

(0.9114117649630855,Raikou,Electric,,580,90,85,75,115,100,115)

(0.9104038410767745,Bastiodon,Rock,Steel,495,60,52,168,47,138,30)

(0.9036260592898161,Arceus,Normal,,720,120,120,120,120,120,120)

(0.8996081759593839,Carnivine,Grass,,454,74,100,72,90,72,46)

(0.8988583128456306,Nidoking,Poison,Ground,505,81,102,77,85,75,85)

(0.8968330576633108,Gloom,Grass,Poison,395,60,65,70,85,75,40)

(0.8948390225923692,SteelixMega Steelix,Steel,Ground,610,75,125,230,55,95,30)

(0.8931402449874823,Grumpig,Psychic,,470,80,45,65,90,110,80)

(0.8930415106512712,Cottonee,Grass,Fairy,280,40,27,60,37,50,66)

(0.892599866697776,Pancham,Fighting,,348,67,82,62,46,48,43)

(0.8909897847261373,Pupitar,Rock,Ground,410,70,84,70,65,70,51)

(0.8901758040378381,Jellicent,Water,Ghost,480,100,60,70,85,105,60)

(0.8899785438360397,SlowbroMega Slowbro,Water,Psychic,590,95,75,180,130,80,30)

(0.8890468230587188,PumpkabooAverage Size,Ghost,Grass,335,49,66,70,44,55,51)

(0.8868524309337087,Aromatisse,Fairy,,462,101,72,72,99,89,29)

(0.8802242822544762,Victini,Psychic,Fire,600,100,100,100,100,100,100)

(0.8790902079416477,Geodude,Rock,Ground,300,40,80,100,30,30,20)

(0.8777033232451538,Heracross,Bug,Fighting,500,80,125,75,40,95,85)

(0.8773939766052035,Amoonguss,Grass,Poison,464,114,85,70,85,80,30)

(0.8737292560433193,Milotic,Water,,540,95,60,79,100,125,81)

(0.8720581491397241,Blaziken,Fire,Fighting,530,80,120,70,110,70,80)

(0.8689050832013429,Corphish,Water,,308,43,80,65,50,35,35)

(0.8669480065689359,Palkia,Water,Dragon,680,90,120,100,150,120,100)

(0.8664763719252182,Tangrowth,Grass,,535,100,100,125,110,50,50)

(0.8652193330082955,Gengar,Ghost,Poison,500,60,65,60,130,75,110)

(0.862984633250162,Crobat,Poison,Flying,535,85,90,80,70,80,130)

(0.8602014366752849,Scrafty,Dark,Fighting,488,65,90,115,45,115,58)

(0.8592640656479053,Prinplup,Water,,405,64,66,68,81,76,50)

(0.8580162819245744,Chesnaught,Grass,Fighting,530,88,107,122,74,75,64)

(0.8557999541018921,BanetteMega Banette,Ghost,,555,64,165,75,93,83,75)

(0.8537677207271384,RotomFrost Rotom,Electric,Ice,520,50,65,107,105,107,86)

(0.8534571341873177,Carbink,Rock,Fairy,500,50,50,150,50,150,50)

(0.8534101698112038,Mew,Psychic,,600,100,100,100,100,100,100)

(0.8501078013327011,Regirock,Rock,,580,80,100,200,50,100,50)

(0.8476280831756062,Diggersby,Normal,Ground,423,85,56,77,50,77,78)

(0.8474343557534073,Wobbuffet,Psychic,,405,190,33,58,33,58,33)

(0.8464155746553021,Venusaur,Grass,Poison,525,80,82,83,100,100,80)

(0.8454032719903051,Beartic,Ice,,485,95,110,80,70,80,50)

(0.8453134323453273,Staraptor,Normal,Flying,485,85,120,70,50,60,100)

(0.8444016795807511,Mantine,Water,Flying,465,65,40,70,80,140,70)

(0.8437830913717138,Krookodile,Ground,Dark,519,95,117,80,65,70,92)

(0.8416589134382365,Aerodactyl,Rock,Flying,515,80,105,65,60,75,130)

(0.8399549943453932,Pawniard,Dark,Steel,340,45,85,70,40,40,60)

(0.8377291179536032,Archeops,Rock,Flying,567,75,140,65,112,65,110)

(0.8364521656554139,Zweilous,Dark,Dragon,420,72,85,70,65,70,58)

(0.8356913956889277,Swadloon,Bug,Grass,380,55,63,90,50,80,42)

(0.8354523687375301,Tangela,Grass,,435,65,55,115,100,40,60)

(0.8348146042803664,Hariyama,Fighting,,474,144,120,60,40,60,50)

(0.8308775124519806,Nincada,Bug,Ground,266,31,45,90,30,30,40)

(0.8306830556231263,Dusclops,Ghost,,455,40,70,130,60,130,25)

(0.8265378841767765,Ludicolo,Water,Grass,480,80,70,70,90,100,70)

(0.8262993705382159,Gabite,Dragon,Ground,410,68,90,65,50,55,82)

(0.825156682030485,Drapion,Poison,Dark,500,70,90,110,60,75,95)

(0.8238263004123456,Weezing,Poison,,490,65,90,120,85,70,60)

(0.8235898494234922,Eelektrik,Electric,,405,65,85,70,75,70,40)

(0.8211463464322629,Vullaby,Dark,Flying,370,70,55,75,45,65,60)

(0.8169906481082307,DiancieMega Diancie,Rock,Fairy,700,50,160,110,160,110,110)

(0.8103235405360723,Alomomola,Water,,470,165,75,80,40,45,65)

(0.8087274467617598,Heatmor,Fire,,484,85,97,66,105,66,65)

(0.8079177258838727,Swellow,Normal,Flying,430,60,85,60,50,50,125)

(0.8021140022196732,Shroomish,Grass,,295,60,40,60,40,60,35)

(0.8011305029740461,Regigigas,Normal,,670,110,160,110,80,110,100)

(0.8006433874693926,GalladeMega Gallade,Psychic,Fighting,618,68,165,95,65,115,110)

(0.8001392684291851,Sceptile,Grass,,530,70,85,65,105,85,120)

(0.7986068334648078,MedichamMega Medicham,Fighting,Psychic,510,60,100,85,80,85,100)

(0.7955865072883219,BlazikenMega Blaziken,Fire,Fighting,630,80,160,80,130,80,100)

(0.794538918628978,Zoroark,Dark,,510,60,105,60,120,60,105)

(0.7922986825106659,Samurott,Water,,528,95,100,85,108,70,70)

(0.7914398778869288,Meganium,Grass,,525,80,82,100,83,100,80)

(0.7838096298575926,Empoleon,Water,Steel,530,84,86,88,111,101,60)

(0.7836431914002808,Jirachi,Steel,Psychic,600,100,100,100,100,100,100)

(0.7823005309011346,Skorupi,Poison,Bug,330,40,50,90,30,55,65)

(0.7809211403923296,Slaking,Normal,,670,150,160,100,95,65,100)

(0.7777134992439909,Ambipom,Normal,,482,75,100,66,60,66,115)

(0.7760402972262747,Spinda,Normal,,360,60,60,60,60,60,60)

(0.7744500030853609,Yanmega,Bug,Flying,515,86,76,86,116,56,95)

(0.7704576074991673,Marowak,Ground,,425,60,80,110,50,80,45)

(0.7702091962696557,Kecleon,Normal,,440,60,90,70,60,120,40)

(0.7683202200312601,Chespin,Grass,,313,56,61,65,48,45,38)

(0.7613629498211776,Jumpluff,Grass,Flying,460,75,55,70,55,95,110)

(0.7597135511746675,Umbreon,Dark,,525,95,65,110,60,130,65)

(0.7579018738911024,Hippopotas,Ground,,330,68,72,78,38,42,32)

(0.7572309082204062,Squirtle,Water,,314,44,48,65,50,64,43)

(0.7547872087488829,Vanilluxe,Ice,,535,71,95,85,110,95,79)

(0.7546375392101864,Scyther,Bug,Flying,500,70,110,80,55,80,105)

(0.754626249616362,Fearow,Normal,Flying,442,65,90,65,61,61,100)

(0.7542294028125589,Celebi,Psychic,Grass,600,100,100,100,100,100,100)

(0.7537088082398892,Slowbro,Water,Psychic,490,95,75,110,100,80,30)

(0.7504103587198344,SalamenceMega Salamence,Dragon,Flying,700,95,145,130,120,90,120)

(0.749573389428103,Charmeleon,Fire,,405,58,64,58,80,65,80)

(0.7477815740761079,LopunnyMega Lopunny,Normal,Fighting,580,65,136,94,54,96,135)

(0.7476663454794522,Dialga,Steel,Dragon,680,100,120,120,150,100,90)

(0.7473934209793096,Quagsire,Water,Ground,430,95,85,85,65,65,35)

(0.7458955694109103,Tyrantrum,Rock,Dragon,521,82,121,119,69,59,71)

(0.7443332247740999,Rhyperior,Ground,Rock,535,115,140,130,55,55,40)

(0.7412203656226769,Pelipper,Water,Flying,430,60,50,100,85,70,65)

(0.7388894409772142,Audino,Normal,,445,103,60,86,60,86,50)

(0.7363816487964541,Lumineon,Water,,460,69,69,76,69,86,91)

(0.7355587988717193,Spritzee,Fairy,,341,78,52,60,63,65,23)

(0.7349780112376343,Exeggutor,Grass,Psychic,520,95,95,85,125,65,55)

(0.7329022553377136,Tropius,Grass,Flying,460,99,68,83,72,87,51)

(0.729190573120569,Aurorus,Rock,Ice,521,123,77,72,99,92,58)

(0.7256350396785031,TornadusIncarnate Forme,Flying,,580,79,115,70,125,80,111)

(0.7244637501644609,Claydol,Ground,Psychic,500,60,70,105,70,120,75)

(0.7196119856131947,Breloom,Grass,Fighting,460,60,130,80,60,60,70)

(0.7193531576870178,RotomWash Rotom,Electric,Water,520,50,65,107,105,107,86)

(0.7184719605440215,DeoxysDefense Forme,Psychic,,600,50,70,160,70,160,90)

(0.7140508854283368,Tranquill,Normal,Flying,358,62,77,62,50,42,65)

(0.7138234635917391,Koffing,Poison,,340,40,65,95,60,45,35)

(0.7115255226578532,Bronzor,Steel,Psychic,300,57,24,86,24,86,23)

(0.7109627344966696,Cloyster,Water,Ice,525,50,95,180,85,45,70)

(0.7104036283797803,Cradily,Rock,Grass,495,86,81,97,81,107,43)

(0.7087350603236847,Corsola,Water,Rock,380,55,55,85,65,85,35)

(0.7085068096646143,Stunfisk,Ground,Electric,471,109,66,84,81,99,32)

(0.7079727193863156,Goodra,Dragon,,600,90,100,70,110,150,80)

(0.7070610993221859,TyranitarMega Tyranitar,Rock,Dark,700,100,164,150,95,120,71)

(0.7054997184865763,Seaking,Water,,450,80,92,65,65,80,68)

(0.7041183321212089,Donphan,Ground,,500,90,120,120,60,60,50)

(0.701037945602446,Klefki,Steel,Fairy,470,57,80,91,80,87,75)

(0.6971666765802602,Tyranitar,Rock,Dark,600,100,134,110,95,100,61)

(0.6949355356556066,Arbok,Poison,,438,60,85,69,65,79,80)

(0.6913426142904229,Pidgeot,Normal,Flying,479,83,80,75,70,70,101)

(0.6839126608947081,Doublade,Steel,Ghost,448,59,110,150,45,49,35)

(0.6836129435287228,Miltank,Normal,,490,95,80,105,40,70,100)

(0.6820298791787476,Phione,Water,,480,80,80,80,80,80,80)

(0.6794594233878801,Bouffalant,Normal,,490,95,110,95,40,95,55)

(0.6792286530074699,ManectricMega Manectric,Electric,,575,70,75,80,135,80,135)

(0.679206808893461,Porygon,Normal,,395,65,60,70,85,75,40)

(0.6775760719691398,Slowpoke,Water,Psychic,315,90,65,65,40,40,15)

(0.6769356274822449,Whirlipede,Bug,Poison,360,40,55,99,40,79,47)

(0.6765724699876599,Emboar,Fire,Fighting,528,110,123,65,100,65,65)

(0.6758429849522791,Whimsicott,Grass,Fairy,480,60,67,85,77,75,116)

(0.6732675440036087,Florges,Fairy,,552,78,65,68,112,154,75)

(0.6708419142705433,Mewtwo,Psychic,,680,106,110,90,154,90,130)

(0.6704087654543788,Porygon2,Normal,,515,85,80,90,105,95,60)

(0.6686540154073628,MewtwoMega Mewtwo Y,Psychic,,780,106,150,70,194,120,140)

(0.6686348440062636,Purugly,Normal,,452,71,82,64,64,59,112)

(0.6650211267163205,Metagross,Steel,Psychic,600,80,135,130,95,90,70)

(0.6611996475927104,Genesect,Bug,Steel,600,71,120,95,120,95,99)

(0.6535026760346008,Primeape,Fighting,,455,65,105,60,60,70,95)

(0.6533565193826748,Beldum,Steel,Psychic,300,40,55,80,35,60,30)

(0.6519602412036938,Shelgon,Dragon,,420,65,95,100,60,50,50)

(0.6518148640199264,Croconaw,Water,,405,65,80,80,59,63,58)

(0.6487363058920393,Swablu,Normal,Flying,310,45,40,60,40,75,50)

(0.6462937406812398,Marshtomp,Water,Ground,405,70,85,70,60,70,50)

(0.6445605158680262,Hippowdon,Ground,,525,108,112,118,68,72,47)

(0.6442695847689044,Beheeyem,Psychic,,485,75,75,75,125,95,40)

(0.6429144555249874,Sawk,Fighting,,465,75,125,75,30,75,85)

(0.641988693034719,HeracrossMega Heracross,Bug,Fighting,600,80,185,115,40,105,75)

(0.6419224432651103,Scizor,Bug,Steel,500,70,130,100,55,80,65)

(0.637563584116473,Seviper,Poison,,458,73,100,60,100,60,65)

(0.6353076321248362,WormadamTrash Cloak,Bug,Steel,424,60,69,95,69,95,36)

(0.6333181424522188,MeowsticMale,Psychic,,466,74,48,76,83,81,104)

(0.630480246012346,Clefable,Fairy,,483,95,70,73,95,90,60)

(0.6276859640825874,PumpkabooSmall Size,Ghost,Grass,335,44,66,70,44,55,56)

(0.6270432959354766,Sigilyph,Psychic,Flying,490,72,58,80,103,80,97)

(0.626809666897764,Finneon,Water,,330,49,49,56,49,61,66)

(0.6253548777673273,RotomFan Rotom,Electric,Flying,520,50,65,107,105,107,86)

(0.6253191143544012,Wartortle,Water,,405,59,63,80,65,80,58)

(0.618793446353651,Lampent,Ghost,Fire,370,60,40,60,95,60,55)

(0.6156787817410597,GarchompMega Garchomp,Dragon,Ground,700,108,170,115,120,95,92)

(0.6136141681776676,Clawitzer,Water,,500,71,73,88,120,89,59)

(0.6114656610639981,Absol,Dark,,465,65,130,60,75,60,75)

(0.6099137870654715,Shieldon,Rock,Steel,350,30,42,118,42,88,30)

(0.6093337968508539,Gastrodon,Water,Ground,475,111,83,68,92,82,39)

(0.6078171238329317,AltariaMega Altaria,Dragon,Fairy,590,75,110,110,110,105,80)

(0.6068343386464486,Dragonite,Dragon,Flying,600,91,134,95,100,100,80)

(0.6066862501680851,Electabuzz,Electric,,490,65,83,57,95,85,105)

(0.6065377424443669,Vanillish,Ice,,395,51,65,65,80,75,59)

(0.6057446297028052,Eelektross,Electric,,515,85,115,80,105,80,50)

(0.6043977355528745,Uxie,Psychic,,580,75,75,130,75,130,95)

(0.6040947319009723,Servine,Grass,,413,60,60,75,60,75,83)

(0.6008848748581073,Machamp,Fighting,,505,90,130,80,65,85,55)

(0.6008148422161426,Dewott,Water,,413,75,75,60,83,60,60)

(0.6005204622944336,Cobalion,Steel,Fighting,580,91,90,129,90,72,108)

(0.5995079513929233,Boldore,Rock,,390,70,105,105,50,40,20)

(0.5982765553469244,Lickitung,Normal,,385,90,55,75,60,75,30)

(0.5975462483916036,Avalugg,Ice,,514,95,117,184,44,46,28)

(0.5966131501584211,Armaldo,Rock,Bug,495,75,125,100,70,80,45)

(0.5931480039503211,Simisear,Fire,,498,75,98,63,98,63,101)

(0.5924042814109189,Garbodor,Poison,,474,80,95,82,60,82,75)

(0.5905543889170092,Zygarde50% Forme,Dragon,Ground,600,108,100,121,81,95,95)

(0.5900563281299592,Magneton,Electric,Steel,465,50,60,95,120,70,70)

(0.5888268615632481,Roserade,Grass,Poison,515,60,70,65,125,105,90)

(0.5798025072009707,Musharna,Psychic,,487,116,55,85,107,95,29)

(0.5778265331934973,Nosepass,Rock,,375,30,45,135,45,90,30)

(0.5761189022076492,LandorusTherian Forme,Ground,Flying,600,89,145,90,105,80,91)

(0.5760038666162228,Lickilicky,Normal,,515,110,85,95,80,95,50)

(0.5748396953843337,Whiscash,Water,Ground,468,110,78,73,76,71,60)

(0.5743029829281998,Camerupt,Fire,Ground,460,70,100,70,105,75,40)

(0.5740901773877091,Azumarill,Water,Fairy,420,100,50,80,60,80,50)

(0.5736851321751602,Hitmontop,Fighting,,455,50,95,95,35,110,70)

(0.5715283166762818,WormadamPlant Cloak,Bug,Grass,424,60,59,85,79,105,36)

(0.5702355534487078,Exeggcute,Grass,Psychic,325,60,40,80,60,45,40)

(0.5698034040005304,Watchog,Normal,,420,60,85,69,60,69,77)

(0.569328817565097,Relicanth,Water,Rock,485,100,90,130,45,65,55)

(0.5666851039779051,GiratinaAltered Forme,Ghost,Dragon,680,150,100,120,100,120,90)

(0.5659957410381196,Zangoose,Normal,,458,73,115,60,60,60,90)

(0.5646199862403598,Kabutops,Rock,Water,495,60,115,105,65,70,80)

(0.5644728962448364,Hawlucha,Fighting,Flying,500,78,92,75,74,63,118)

(0.5639409491603417,RotomMow Rotom,Electric,Grass,520,50,65,107,105,107,86)

(0.5623827123516021,Cresselia,Psychic,,600,120,70,120,75,130,85)

(0.5593408635430985,ScizorMega Scizor,Bug,Steel,600,70,150,140,65,100,75)

(0.5585110952473757,Lanturn,Water,Electric,460,125,58,58,76,76,67)

(0.5558978834495817,Clamperl,Water,,345,35,64,85,74,55,32)

(0.5485501666690794,PumpkabooSuper Size,Ghost,Grass,335,59,66,70,44,55,41)

(0.5477206058166876,Druddigon,Dragon,,485,77,120,90,60,90,48)

(0.5472193041764555,Ho-oh,Fire,Flying,680,106,130,90,110,154,90)

(0.546927600397259,Furfrou,Normal,,472,75,80,60,65,90,102)

(0.546160109337647,CharizardMega Charizard X,Fire,Dragon,634,78,130,111,130,85,100)

(0.5461188054469996,Bellossom,Grass,,490,75,80,95,90,100,50)

(0.5448752104353382,Mawile,Steel,Fairy,380,50,85,85,55,55,50)

(0.5431711084851286,Scraggy,Dark,Fighting,348,50,75,70,35,70,48)

(0.5424929111807275,Golurk,Ground,Ghost,483,89,124,80,55,80,55)

(0.5422543401619113,Kangaskhan,Normal,,490,105,95,80,40,80,90)

(0.5405491508834848,Xerneas,Fairy,,680,126,131,95,131,98,99)

(0.5361823312711647,Stoutland,Normal,,500,85,110,90,45,90,80)

(0.5354051721813183,Rhyhorn,Ground,Rock,345,80,85,95,30,30,25)

(0.5344007954305982,AlakazamMega Alakazam,Psychic,,590,55,50,65,175,95,150)

(0.5331486460582194,Vigoroth,Normal,,440,80,80,80,55,55,90)

(0.5316146651304321,Yamask,Ghost,,303,38,30,85,55,65,30)

(0.5305313449778822,Blastoise,Water,,530,79,83,100,85,105,78)

(0.5277225215718264,Skarmory,Steel,Flying,465,65,80,140,40,70,70)

(0.526987669045213,Castform,Normal,,420,70,70,70,70,70,70)

(0.5244291474473268,Nidoqueen,Poison,Ground,505,90,92,87,75,85,76)

(0.5188912187186572,Greninja,Water,Dark,530,72,95,67,103,71,122)

(0.5130314597142749,Mismagius,Ghost,,495,60,60,60,105,105,105)

(0.5037477558194406,Volcanion,Fire,Water,600,80,110,120,130,90,70)

(0.5035264132460985,Lairon,Steel,Rock,430,60,90,140,50,50,40)

(0.5024201846190238,Simipour,Water,,498,75,98,63,98,63,101)

(0.49765312051306976,Tauros,Normal,,490,75,100,95,40,70,110)

(0.4962481533172802,DarmanitanZen Mode,Fire,Psychic,540,105,30,105,140,105,55)

(0.49473037349092475,Lilligant,Grass,,480,70,60,75,110,75,90)

(0.4936734003887142,Walrein,Ice,Water,530,110,80,90,95,90,65)

(0.4909237138393038,Malamar,Dark,Psychic,482,86,92,88,68,75,73)

(0.48991543237551927,Omastar,Rock,Water,495,70,60,125,115,70,55)

(0.48924938312920285,Braixen,Fire,,409,59,59,58,90,70,73)

(0.48465876439386246,Glaceon,Ice,,525,65,60,110,130,95,65)

(0.4846079133729657,SwampertMega Swampert,Water,Ground,635,100,150,110,95,110,70)

(0.484534788577871,Kyurem,Dragon,Ice,660,125,130,90,130,90,95)

(0.48415101678425254,Venipede,Bug,Poison,260,30,45,59,30,39,57)

(0.48347958467524776,ShayminSky Forme,Grass,Flying,600,100,103,75,120,75,127)

(0.4809911524023488,Braviary,Normal,Flying,510,100,123,75,57,75,80)

(0.47958654524954547,Gothitelle,Psychic,,490,70,55,95,95,110,65)

(0.477857271940373,WormadamSandy Cloak,Bug,Ground,424,60,79,105,59,85,36)

(0.47664374379873287,Shellder,Water,,305,30,65,100,45,25,40)

(0.4759017696936678,MetagrossMega Metagross,Steel,Psychic,700,80,145,150,105,110,110)

(0.4745240749122396,GiratinaOrigin Forme,Ghost,Dragon,680,150,120,100,120,100,90)

(0.4738927048866709,Kingdra,Water,Dragon,540,75,95,95,95,95,85)

(0.4730451778692748,GroudonPrimal Groudon,Ground,Fire,770,100,180,160,150,90,90)

(0.47279631794367594,RotomHeat Rotom,Electric,Fire,520,50,65,107,105,107,86)

(0.47174862573149756,Dedenne,Electric,Fairy,431,67,58,57,81,67,101)

(0.4677180517539504,Togekiss,Fairy,Flying,545,85,50,95,120,115,80)

(0.4637843169625476,Sylveon,Fairy,,525,95,65,65,110,130,60)

(0.4635868551764655,Banette,Ghost,,455,64,115,65,83,63,65)

(0.4612983525414618,PidgeotMega Pidgeot,Normal,Flying,579,83,80,80,135,80,121)

(0.460749691519198,Magnemite,Electric,Steel,325,25,35,70,95,55,45)

(0.4600222023744025,Sudowoodo,Rock,,410,70,100,115,30,65,30)

(0.4592970597112055,Ariados,Bug,Poison,390,70,90,70,60,60,40)

(0.4589259209218256,Abomasnow,Grass,Ice,494,90,92,75,92,85,60)

(0.4587921651281395,Golbat,Poison,Flying,455,75,80,70,65,75,90)

(0.45538578753544756,GyaradosMega Gyarados,Water,Dark,640,95,155,109,70,130,81)

(0.45508206029858,Delcatty,Normal,,380,70,65,65,55,55,70)

(0.448894437281399,KeldeoOrdinary Forme,Water,Fighting,580,91,72,90,129,90,108)

(0.44786568747033206,Raticate,Normal,,413,55,81,60,50,70,97)

(0.4469255779924747,Gorebyss,Water,,485,55,84,105,114,75,52)

(0.4464109710751344,SceptileMega Sceptile,Grass,Dragon,630,70,110,75,145,85,145)

(0.4444668764696562,Typhlosion,Fire,,534,78,84,78,109,85,100)

(0.444083403013947,HoopaHoopa Unbound,Psychic,Dark,680,80,160,60,170,130,80)

(0.444038497058294,Dusknoir,Ghost,,525,45,100,135,65,135,45)

(0.44222769926024497,Galvantula,Bug,Electric,472,70,77,60,97,60,108)

(0.4399000859335952,Venomoth,Bug,Poison,450,70,65,60,90,75,90)

(0.43648909872224106,Sealeo,Ice,Water,410,90,60,70,75,70,45)

(0.43016020704218916,Torterra,Grass,Ground,525,95,109,105,75,85,56)

(0.4283765221579997,Mamoswine,Ice,Ground,530,110,130,80,70,60,80)

(0.4282449945783382,Reuniclus,Psychic,,490,110,65,75,125,85,30)

(0.42788083061281157,MeloettaPirouette Forme,Normal,Fighting,600,100,128,90,77,77,128)

(0.4270871965606864,Tirtouga,Water,Rock,355,54,78,103,53,45,22)

(0.42662607922406315,BlastoiseMega Blastoise,Water,,630,79,103,120,135,115,78)

(0.42567776785777045,Klink,Steel,,300,40,55,70,45,60,30)

(0.41933102649811704,Manaphy,Water,,600,100,100,100,100,100,100)

(0.4186409800396248,Spewpa,Bug,,213,45,22,60,27,30,29)

(0.4178701386833563,Feraligatr,Water,,530,85,105,100,79,83,78)

(0.4159140551106414,KyuremWhite Kyurem,Dragon,Ice,700,125,120,90,170,100,95)

(0.4133634566306341,GourgeistSuper Size,Ghost,Grass,494,85,100,122,58,75,54)

(0.4119648716300143,Simisage,Grass,,498,75,98,63,98,63,101)

(0.4104137306828738,Sandslash,Ground,,450,75,100,110,45,55,65)

(0.40915396975395024,Bibarel,Normal,Water,410,79,85,60,55,60,71)

(0.40738952499467884,Skrelp,Poison,Water,320,50,60,60,60,60,30)

(0.404331415134195,Latios,Dragon,Psychic,600,80,90,80,130,110,110)

(0.4009003094023603,Cacturne,Grass,Dark,475,70,115,60,115,60,55)

(0.398519089152056,Combusken,Fire,Fighting,405,60,85,60,85,60,55)

(0.39780257868781754,Dewgong,Water,Ice,475,90,70,80,70,95,70)

(0.3975733736509096,Cherrim,Grass,,450,70,60,70,87,78,85)

(0.3968519377708073,Porygon-Z,Normal,,535,85,80,70,135,75,90)

(0.396366668309845,KangaskhanMega Kangaskhan,Normal,,590,105,125,100,60,100,100)

(0.39625308324948316,GourgeistSmall Size,Ghost,Grass,494,55,85,122,58,75,99)

(0.3907446973573099,Phanpy,Ground,,330,90,60,60,40,40,40)

(0.3905542387082289,Espeon,Psychic,,525,65,65,60,130,95,110)

(0.38949343319989493,Lunatone,Rock,Psychic,440,70,55,65,95,85,70)

(0.3824487600099571,Crawdaunt,Water,Dark,468,63,120,85,90,55,55)

(0.38012806548240163,Klinklang,Steel,,520,60,100,115,70,85,90)

(0.3760890034973521,Durant,Bug,Steel,484,58,109,112,48,48,109)

(0.3755201724808186,Volcarona,Bug,Fire,550,85,60,65,135,105,100)

(0.37410894009939166,Swanna,Water,Flying,473,75,87,63,87,63,98)

(0.36720357836764794,Vaporeon,Water,,525,130,65,60,110,95,65)

(0.3670405421876356,Piloswine,Ice,Ground,450,100,100,80,60,60,50)

(0.36659056146585955,Pyroar,Fire,Normal,507,86,68,72,109,66,106)

(0.3654611612183378,Bisharp,Dark,Steel,490,65,125,100,60,70,70)

(0.3646946085290751,SharpedoMega Sharpedo,Water,Dark,560,70,140,70,110,65,105)

(0.36306709308815266,Octillery,Water,,480,75,105,75,105,75,45)

(0.3624463639072557,Mienshao,Fighting,,510,65,125,60,95,60,105)

(0.36021844078819654,Talonflame,Fire,Flying,499,78,81,71,74,69,126)

(0.3599638102771189,AerodactylMega Aerodactyl,Rock,Flying,615,80,135,85,70,95,150)

(0.35766966719041304,Rotom,Electric,Ghost,440,50,50,77,95,77,91)

(0.3568698726416816,GourgeistAverage Size,Ghost,Grass,494,65,90,122,58,75,84)

(0.3533109254877387,Ferrothorn,Grass,Steel,489,74,94,131,54,116,20)

(0.34449730084919195,Nidorina,Poison,,365,70,62,67,55,55,56)

(0.34309992365044273,Registeel,Steel,,580,80,75,150,75,150,50)

(0.3398437578110586,Zapdos,Electric,Flying,580,90,90,85,125,90,100)

(0.33594804844665116,Arcanine,Fire,,555,90,110,80,100,80,95)

(0.3349454773110436,Leavanny,Bug,Grass,500,75,103,80,70,80,92)

(0.3324678589475629,Kingler,Water,,475,55,130,115,50,50,75)

(0.33055622786839556,Pinsir,Bug,,500,65,125,100,55,70,85)

(0.33009088285295374,AbomasnowMega Abomasnow,Grass,Ice,594,90,132,105,132,105,30)

(0.3296818678845371,Conkeldurr,Fighting,,505,105,140,95,55,65,45)

(0.32502422334785885,Vespiquen,Bug,Flying,474,70,80,102,80,102,40)

(0.3245061407732719,Muk,Poison,,500,105,105,75,65,100,50)

(0.32118454570880406,Poliwrath,Water,Fighting,510,90,95,95,70,90,70)

(0.31896605505036035,Krabby,Water,,325,30,105,90,25,25,50)

(0.31884227143258004,Regice,Ice,,580,80,50,100,100,200,50)

(0.31703989014489486,PumpkabooLarge Size,Ghost,Grass,335,54,66,70,44,55,46)

(0.3148788651884743,Goldeen,Water,,320,45,67,60,35,50,63)

(0.31311798061812435,Rapidash,Fire,,500,65,100,70,80,80,105)

(0.3113226328820661,Axew,Dragon,,320,46,87,60,30,40,57)

(0.30996410658174334,Magcargo,Fire,Rock,410,50,50,120,80,80,30)

(0.3049857773998679,Sawsbuck,Normal,Grass,475,80,100,70,60,70,95)

(0.3048494713449593,Pachirisu,Electric,,405,60,45,70,45,90,95)

(0.2970130896768356,Carracosta,Water,Rock,495,74,108,133,83,65,32)

(0.29387732568392966,Quilava,Fire,,405,58,64,58,80,65,80)

(0.29157257364137434,MewtwoMega Mewtwo X,Psychic,Fighting,780,106,190,100,154,100,130)

(0.2907695805813221,Escavalier,Bug,Steel,495,70,135,105,60,105,20)

(0.2864079884462081,Weavile,Dark,Ice,510,70,120,65,45,85,125)

(0.2846314982108801,VenusaurMega Venusaur,Grass,Poison,625,80,100,123,122,120,80)

(0.2835820400425825,Metang,Steel,Psychic,420,60,75,100,55,80,50)

(0.2832803225518836,Granbull,Fairy,,450,90,120,75,60,60,45)

(0.28297591940397016,Sableye,Dark,Ghost,380,50,75,75,65,65,50)

(0.28269454341177025,Fraxure,Dragon,,410,66,117,70,40,50,67)

(0.28141878598515413,AggronMega Aggron,Steel,,630,70,140,230,60,80,50)

(0.27603060627785003,Pineco,Bug,,290,50,65,90,35,35,15)

(0.2740560921665869,Sandshrew,Ground,,300,50,75,85,20,30,40)

(0.2714963017345864,Binacle,Rock,Water,306,42,52,67,39,56,50)

(0.2698636603309138,KeldeoResolute Forme,Water,Fighting,580,91,72,90,129,90,108)

(0.26669140580519246,Ampharos,Electric,,510,90,75,85,115,90,55)

(0.2662958062483366,Seismitoad,Water,Ground,509,105,95,75,85,75,74)

(0.26471061353153413,Leafeon,Grass,,525,65,110,130,60,65,95)

(0.2636365913839568,ShayminLand Forme,Grass,,600,100,100,100,100,100,100)

(0.2583543538084817,Machoke,Fighting,,405,80,100,70,50,60,45)

(0.25827750333414123,Excadrill,Ground,Steel,508,110,135,60,50,65,88)

(0.25697225110558586,Azelf,Psychic,,580,75,125,70,125,70,115)

(0.25627076612810695,Linoone,Normal,,420,78,70,61,50,61,100)

(0.25529266643883985,Luxray,Electric,,523,80,120,79,95,79,70)

(0.25426603234680456,Tentacruel,Water,Poison,515,80,70,65,80,120,100)

(0.2509843293622215,Gligar,Ground,Flying,430,65,75,105,35,65,85)

(0.250505156190046,Dodrio,Normal,Flying,460,60,110,70,60,60,100)

(0.2484891879818094,Forretress,Bug,Steel,465,75,90,140,60,60,40)

(0.2452899796723017,Altaria,Dragon,Flying,490,75,70,90,70,105,80)

(0.24344881547208608,Slowking,Water,Psychic,490,95,75,80,100,110,30)

(0.24206561857572773,Dustox,Bug,Poison,385,60,50,70,50,90,65)

(0.24150861113777877,Crustle,Bug,Rock,475,70,95,125,65,75,45)

(0.23844655491214972,Dwebble,Bug,Rock,325,50,65,85,35,35,55)

(0.2383649603579272,Ivysaur,Grass,Poison,405,60,62,63,80,80,60)

(0.2380024912151657,Latias,Dragon,Psychic,600,80,80,90,110,130,110)

(0.23708207964672812,TornadusTherian Forme,Flying,,580,79,100,80,110,90,121)

(0.2367992902729722,Aggron,Steel,Rock,530,70,110,180,60,60,50)

(0.2355791138242117,Quilladin,Grass,,405,61,78,95,56,58,57)

(0.2339799721661332,MeloettaAria Forme,Normal,Psychic,600,100,77,77,128,128,90)

(0.2328571319588626,Aron,Steel,Rock,330,50,70,100,40,40,30)

(0.22820748743412556,Infernape,Fire,Fighting,534,76,104,71,104,71,108)

(0.22708171283144052,Barbaracle,Rock,Water,500,72,105,115,54,86,68)

(0.22509070442072876,Steelix,Steel,Ground,510,75,85,200,55,65,30)

(0.22405245989585798,KyogrePrimal Kyogre,Water,,770,100,150,90,180,160,90)

(0.22315781805627577,Togepi,Fairy,,245,35,20,65,40,65,20)

(0.2198746188351577,Hypno,Psychic,,483,85,73,70,73,115,67)

(0.2195835413959375,Mr. Mime,Psychic,Fairy,460,40,45,65,100,120,90)

(0.21600195265134303,LatiasMega Latias,Dragon,Psychic,700,80,100,120,140,150,110)

(0.21269834424485112,Moltres,Fire,Flying,580,90,100,90,125,85,90)

(0.21230890673841551,Maractus,Grass,,461,75,86,67,106,67,60)

(0.20699415449942593,Masquerain,Bug,Flying,414,70,60,62,80,82,60)

(0.20047485563436596,Bagon,Dragon,,300,45,75,60,40,30,50)

(0.19953027824949754,Terrakion,Rock,Fighting,580,91,129,90,72,90,108)

(0.19790285834899934,Gogoat,Grass,,531,123,100,62,97,81,68)

(0.19736554615018953,Bonsly,Rock,,290,50,80,95,10,45,10)

(0.19426994252138452,Poliwhirl,Water,,385,65,65,65,50,50,90)

(0.19371769514606396,Groudon,Ground,,670,100,150,140,100,90,90)

(0.19264579879740018,Turtwig,Grass,,318,55,68,64,45,55,31)

(0.19182688165166317,Huntail,Water,,485,55,104,105,94,75,52)

(0.1884359706073837,Duskull,Ghost,,295,20,40,90,30,90,25)

(0.18482663177362302,Flareon,Fire,,525,65,130,60,95,110,65)

(0.18236922863976135,Kabuto,Rock,Water,355,30,80,90,55,45,55)

(0.1801610879463158,Shiftry,Grass,Dark,480,90,100,60,90,60,80)

(0.17775471441650503,Jolteon,Electric,,525,65,65,60,110,95,130)

(0.17298667855146066,HoopaHoopa Confined,Psychic,Ghost,600,80,110,60,150,130,70)

(0.17296931061261633,Nidorino,Poison,,365,61,72,57,55,55,65)

(0.1687960482738956,CameruptMega Camerupt,Fire,Ground,560,70,120,100,145,105,20)

(0.16855039126568327,Delphox,Fire,Psychic,534,75,69,72,114,100,104)

(0.16848250979363855,Cinccino,Normal,,470,75,95,60,65,60,115)

(0.1681490072801607,Roggenrola,Rock,,280,55,75,85,25,25,15)

(0.16662905941862516,Snorlax,Normal,,540,160,110,65,65,110,30)

(0.163117573372495,RayquazaMega Rayquaza,Dragon,Flying,780,105,180,100,180,100,115)

(0.15768375063173468,Swampert,Water,Ground,535,100,110,90,85,90,60)

(0.15641039175472082,Furret,Normal,,415,85,76,64,45,55,90)

(0.14931751082403355,AudinoMega Audino,Normal,Fairy,545,103,60,126,80,126,50)

(0.14794677791046873,Starmie,Water,Psychic,520,60,75,85,100,85,115)

(0.14611731619529922,Gardevoir,Psychic,Fairy,518,68,65,65,125,115,80)

(0.14225065449310803,Haxorus,Dragon,,540,76,147,90,60,70,97)

(0.13495185133064824,Mesprit,Psychic,,580,80,105,105,105,105,80)

(0.13465987931088752,Misdreavus,Ghost,,435,60,60,60,85,85,85)

(0.13396805620499497,Medicham,Fighting,Psychic,410,60,60,75,60,75,80)

(0.12997505773140317,Gallade,Psychic,Fighting,518,68,125,65,65,115,80)

(0.12691720370948956,Serperior,Grass,,528,75,75,95,75,95,113)

(0.12631157491608547,Lapras,Water,Ice,535,130,85,80,85,95,60)

(0.1258251857865289,ThundurusTherian Forme,Electric,Flying,580,79,105,70,145,80,101)

(0.1250022936630215,Slurpuff,Fairy,,480,82,80,86,85,75,72)

(0.12457742085518597,Gothorita,Psychic,,390,60,45,70,75,85,55)

(0.12312486929180133,Bergmite,Ice,,304,55,69,85,32,35,28)

(0.12040069526067709,Togetic,Fairy,Flying,405,55,40,85,80,105,40)

(0.11814272517778557,Persian,Normal,,440,65,70,60,65,65,115)

(0.11692564400696792,MawileMega Mawile,Steel,Fairy,480,50,105,125,55,95,50)

(0.11514962732267764,Pangoro,Fighting,Dark,495,95,124,78,69,71,58)

(0.11504096205858971,Zebstrika,Electric,,497,75,100,63,80,63,116)

(0.11450892347130015,PinsirMega Pinsir,Bug,Flying,600,65,155,120,65,90,105)

(0.11349082273488509,Herdier,Normal,,370,65,80,65,35,65,60)

(0.11210306311591423,Dragalge,Poison,Dragon,494,65,75,90,97,123,44)

(0.11206164027553833,DeoxysSpeed Forme,Psychic,,600,50,95,90,95,90,180)

(0.10737269132692662,Suicune,Water,,580,100,75,115,90,115,85)

(0.10683546325687698,Diancie,Rock,Fairy,600,50,100,150,100,150,50)

(0.10529531832862771,AbsolMega Absol,Dark,,565,65,150,60,115,60,115)

(0.10495548435911062,Solrock,Rock,Psychic,440,70,95,85,55,65,70)

(0.10348719388206873,Trevenant,Ghost,Grass,474,85,110,76,65,82,56)

(0.09812755174423005,Golduck,Water,,500,80,82,78,95,80,85)

(0.09569959811049589,Charizard,Fire,Flying,534,78,84,78,109,85,100)

(0.09564383565358281,Mightyena,Dark,,420,70,90,70,60,60,70)

(0.09555623477563124,Unfezant,Normal,Flying,488,80,115,80,65,55,93)

(0.09404402513118515,Garchomp,Dragon,Ground,600,108,130,95,80,85,102)

(0.09387189158676612,Flygon,Ground,Dragon,520,80,100,80,80,80,100)

(0.08908056034067224,Cubone,Ground,,320,50,50,95,40,50,35)

(0.08552563558747572,ThundurusIncarnate Forme,Electric,Flying,580,79,115,70,125,80,111)

(0.08393457113342118,Clauncher,Water,,330,50,53,62,58,63,44)

(0.07961327183559486,Shelmet,Bug,,305,50,40,85,40,65,25)

(0.07663630169293723,Darkrai,Dark,,600,70,90,90,135,90,125)

(0.07542287718568363,Lugia,Psychic,Flying,680,106,90,130,90,154,110)

(0.06918817897070029,Gurdurr,Fighting,,405,85,105,85,40,50,40)

(0.06829590766328619,Onix,Rock,Ground,385,35,45,160,30,45,70)

(0.06817298587955456,Honedge,Steel,Ghost,325,45,80,100,35,37,28)

(0.06691020733907949,SableyeMega Sableye,Dark,Ghost,480,50,85,125,85,115,20)

(0.0660670920318801,Gigalith,Rock,,515,85,135,130,60,80,25)

(0.06489480041910634,Vileplume,Grass,Poison,490,75,80,85,110,90,50)

(0.060882033690888626,Manectric,Electric,,475,70,75,60,105,60,105)

(0.05948612465253833,Gliscor,Ground,Flying,510,75,95,125,45,75,95)

(0.05500997065039004,Mandibuzz,Dark,Flying,510,110,65,105,55,95,80)

(0.0517223533589557,Victreebel,Grass,Poison,490,80,105,65,100,70,70)

(0.048207007139753455,Grotle,Grass,,405,75,89,85,55,65,36)

(0.04731459186043363,Ninetales,Fire,,505,73,76,75,81,100,100)

(0.04177834235542466,Rampardos,Rock,,495,97,165,60,65,50,58)

(0.041623763815814674,Glalie,Ice,,480,80,80,80,80,80,80)

(0.04117878980133005,Totodile,Water,,314,50,65,64,44,48,43)

(0.0398281138831027,MeowsticFemale,Psychic,,466,74,48,76,83,81,104)

(0.03898705800633562,Dunsparce,Normal,,415,100,70,70,65,65,45)

(0.0335904089068344,Basculin,Water,,460,70,92,65,80,55,98)

(0.031711158712944165,Girafarig,Normal,Psychic,455,70,80,65,90,65,85)

(0.02919916702746317,Magmar,Fire,,495,65,95,57,100,85,93)

(0.028324779336267647,LatiosMega Latios,Dragon,Psychic,700,80,130,100,160,120,110)

(0.023537825560138947,Exploud,Normal,,490,104,91,63,91,73,68)

(0.02051503395924348,Scolipede,Bug,Poison,485,60,100,89,55,69,112)

(0.018529771117544613,Bronzong,Steel,Psychic,500,67,89,116,79,116,33)

(0.018142312305944097,Virizion,Grass,Fighting,580,91,90,72,90,129,108)

(0.017593323738836597,Bayleef,Grass,,405,60,62,80,63,80,60)

(0.014941492564708336,CharizardMega Charizard Y,Fire,Flying,634,78,104,78,159,115,100)

(0.014507376592203913,Hitmonchan,Fighting,,455,50,105,79,35,110,76)

(0.014221649850946205,Chikorita,Grass,,318,45,49,65,49,65,45)

(0.011902694065532349,Parasect,Bug,Grass,405,60,95,80,60,80,30)

(0.006024571773609377,Zekrom,Dragon,Electric,680,100,150,120,120,100,90)

(0.006000234089313272,Kyogre,Water,,670,100,100,90,150,140,90)

(0.005613837014556533,Torkoal,Fire,,470,70,85,140,85,70,20)

(0.004610239255620208,Cofagrigus,Ghost,,483,58,50,145,95,105,30)

(0.004019282592279572,Horsea,Water,,295,30,40,70,70,25,60)

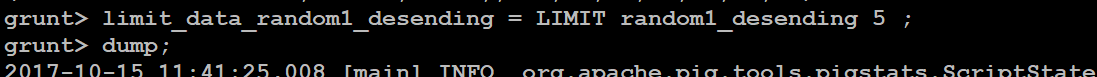
(0.003276177899242394,Ursaring,Normal,,500,90,130,75,75,75,55)

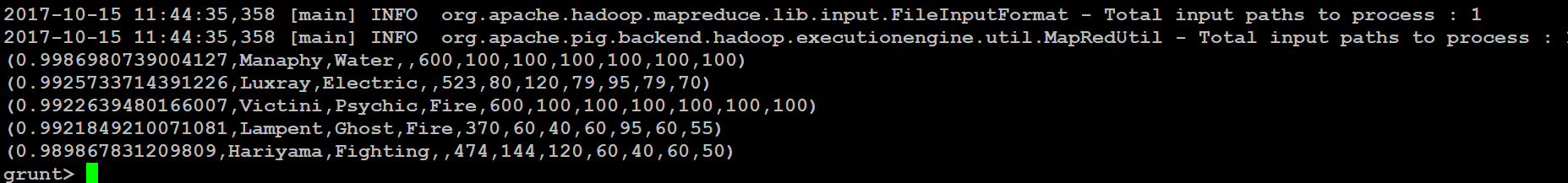
(0.002833218278673222,Seadra,Water,,440,55,65,95,95,45,85)

#### Ques: From the two different descending lists of random Pokémons, select the top 5 Pokémons for 2 different players.

grunt> limit\_data\_random1\_desending = LIMIT random1\_desending 5 ;

grunt> dump;





Output: -

(0.9986980739004127,Manaphy,Water,,600,100,100,100,100,100,100)

(0.9925733714391226,Luxray,Electric,,523,80,120,79,95,79,70)

(0.9922639480166007,Victini,Psychic,Fire,600,100,100,100,100,100,100)

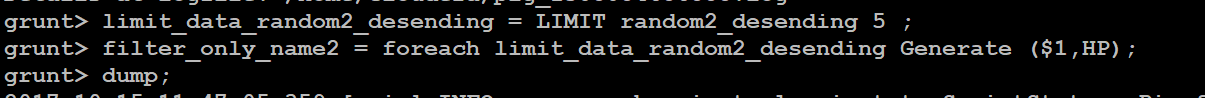
(0.9921849210071081,Lampent,Ghost,Fire,370,60,40,60,95,60,55)

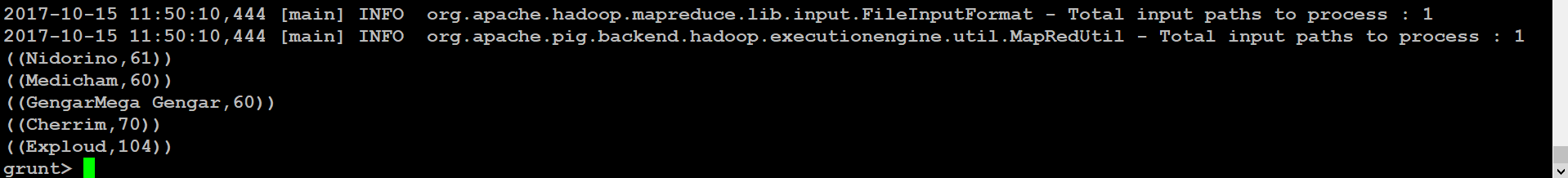
(0.989867831209809,Hariyama,Fighting,,474,144,120,60,40,60,50)

grunt> limit\_data\_random2\_desending = LIMIT random2\_desending 5 ;

grunt> filter\_only\_name2 = foreach limit\_data\_random2\_desending Generate ($1,HP);

grunt> dump;





Output: -

((Nidorino,61))

((Medicham,60))

((GengarMega Gengar,60))

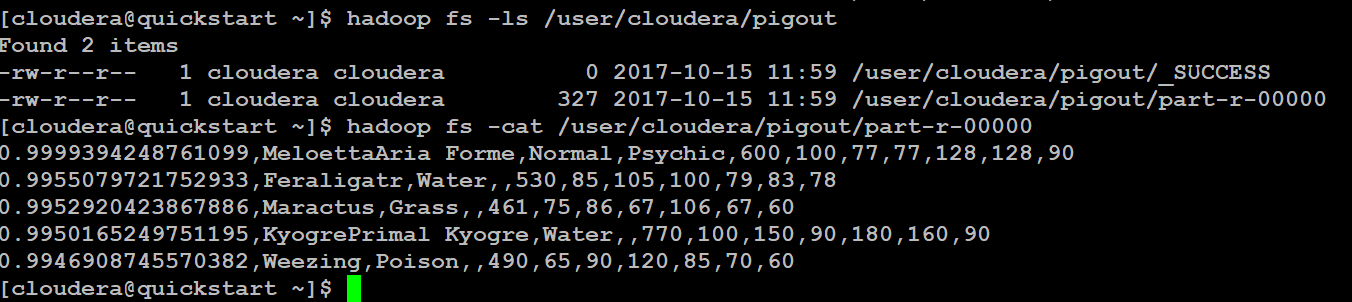
((Cherrim,70))

((Exploud,104))

#### Ques: Store the data on a local drive to announce for the final match. By the name player1 and player2 (only show the NAME and HP).

STORE limit\_data\_random1\_desending INTO '/user/cloudera/pigout' USING PigStorage (',');





grunt> STORE limit\_data\_random2\_desending INTO '/user/cloudera/pigoutr' USING PigStorage (',');

